

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039036.D
 Acq On : 10 Jan 2019 1:03
 Operator : JU/SJ
 Sample : K1087-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 04:24:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	23501	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	99825	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	73537	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	193019	20.00	ng	0.00
76) Chrysene-d12	21.70	240	198124	20.00	ng	0.00
87) Perylene-d12	24.98	264	213914	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	170118	137.32	ng	0.00
7) Phenol-d6	7.19	99	244735	137.27	ng	0.00
23) Nitrobenzene-d5	9.21	82	146821	80.48	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	152629	123.82	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	436641	81.26	ng	0.00
79) Terphenyl-d14	20.03	244	842360	78.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	59	0.122	ng	# 1
4) n-Nitrosodimethylamine	3.73	42	59	0.099	ng	# 1
6) Aniline	7.56	93	185	0.086	ng	# 1
9) Benzaldehyde	7.19	77	446	0.434	ng	# 1
10) Phenol	7.21	94	3554	1.988	ng	# 56
11) bis(2-Chloroethyl)ether	7.56	93	185	0.135	ng	# 1
15) Benzyl Alcohol	8.35	79	2350	1.750	ng	# 67
19) n-Nitroso-di-n-propylamine	9.21	70	19563	16.709	ng	# 69
24) Nitrobenzene	9.21	77	403	0.219	ng	# 38
25) Isophorone	9.34	82	214	0.068	ng	# 62
46) 1,1'-Biphenyl	13.51	154	594	0.102	ng	# 86
48) 2-Nitroaniline	14.12	65	860	0.651	ng	# 1
50) Dimethylphthalate	14.12	163	106120	17.077	ng	# 97
51) 2,6-Dinitrotoluene	14.12	165	1218	0.877	ng	# 26
52) Acenaphthene	14.67	154	250	0.059	ng	# 6
57) 2,4-Dinitrotoluene	14.67	165	9939	4.986	ng	# 26
58) Fluorene	16.17	166	4197	0.741	ng	# 77
63) Azobenzene	16.15	77	545	0.109	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.16	198	405	0.283	ng	# 76
66) n-Nitrosodiphenylamine	16.17	169	5065	0.885	ng	# 50
67) 4-Bromophenyl-phenylether	16.17	248	9964	4.016	ng	# 1
71) Phenanthrene	17.46	178	295	0.029	ng	# 59
72) Anthracene	17.46	178	295	0.029	ng	# 60
74) Di-n-butylphthalate	18.36	149	88	0.008	ng	# 77
75) Fluoranthene	19.47	202	277	0.022	ng	# 65
77) Benzidine	20.03	184	13100	2.162	ng	# 97
78) Pyrene	19.84	202	440	0.035	ng	# 57
80) Butylbenzylphthalate	20.70	149	57	0.012	ng	# 27
81) Benzo(a)anthracene	21.69	228	690	0.057	ng	# 51
83) Chrysene	21.75	228	127	0.011	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.55	149	512	0.077	ng	# 49
85) Di-n-octyl phthalate	22.78	149	65	0.006	ng	# 77
88) Benzo(b)fluoranthene	23.95	252	138	0.012	ng	# 1
89) Benzo(k)fluoranthene	24.00	252	57	0.005	ng	# 61

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Instrument :
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QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

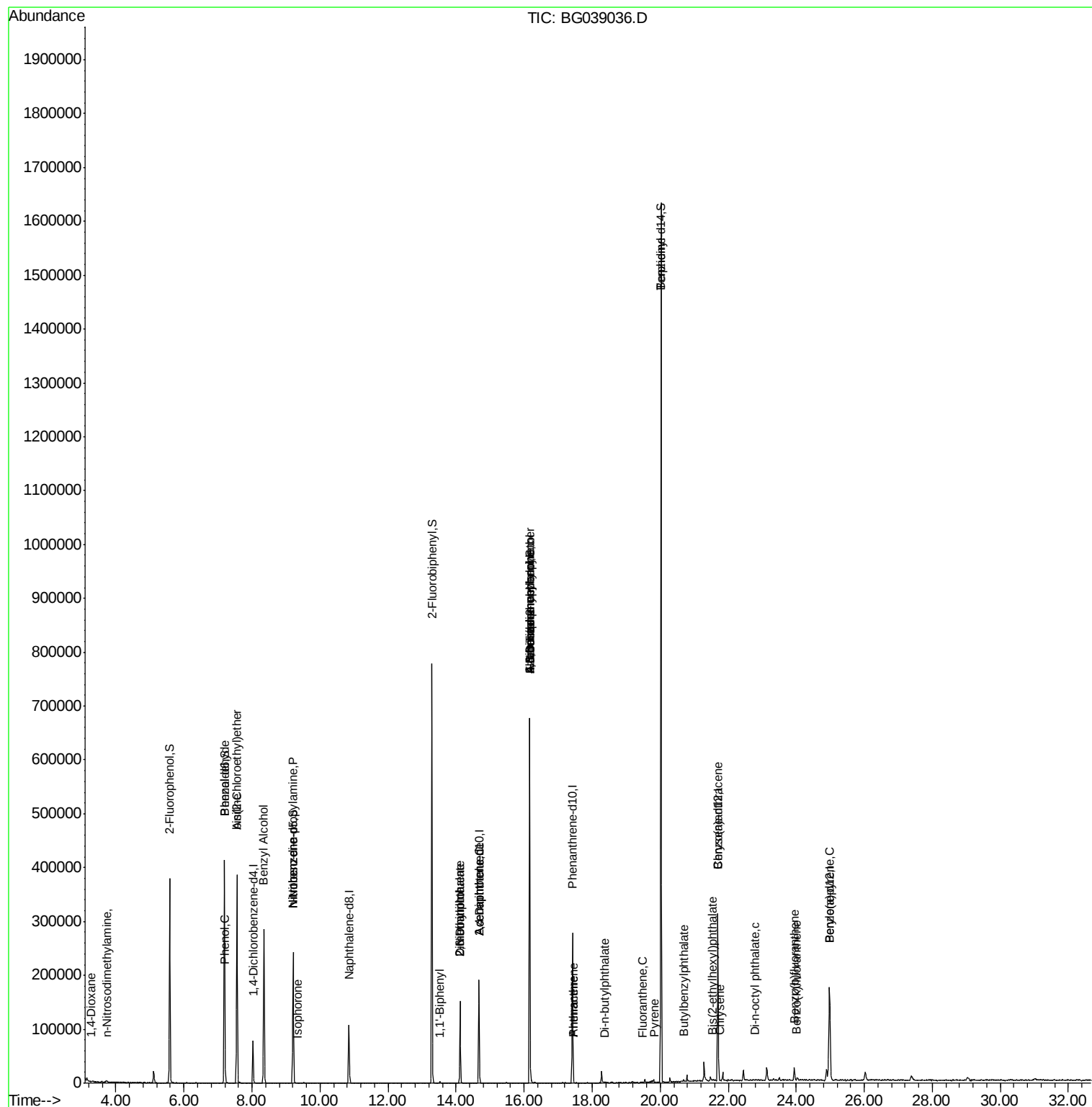
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	24.97	252	652	0.057	ng	# 59

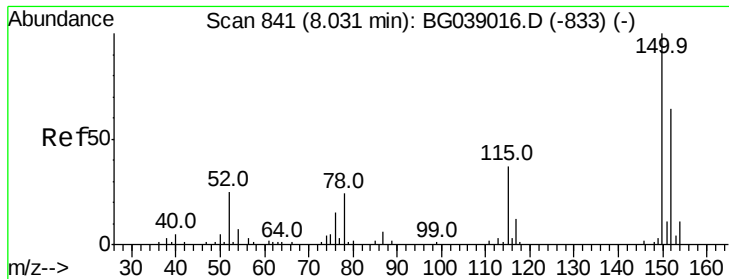
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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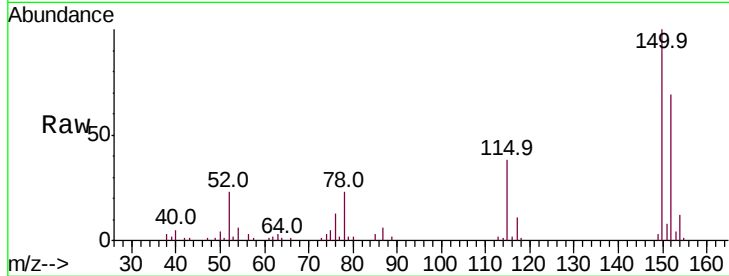


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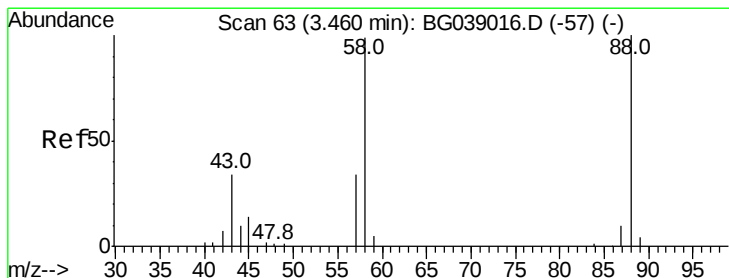
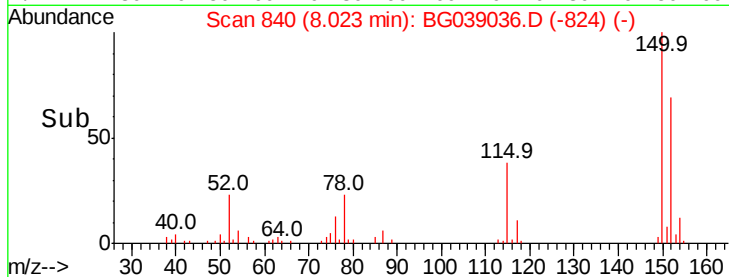
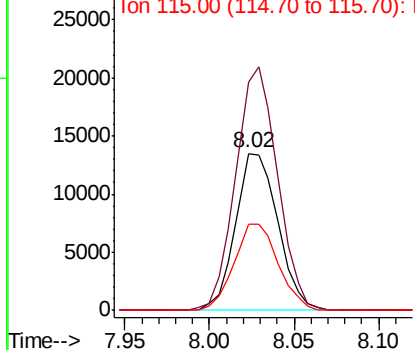
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039036.D
Acq: 10 Jan 2019 1:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 23501
Ion Ratio Lower Upper
152 100
150 145.3 124.7 187.1
115 54.8 46.5 69.7



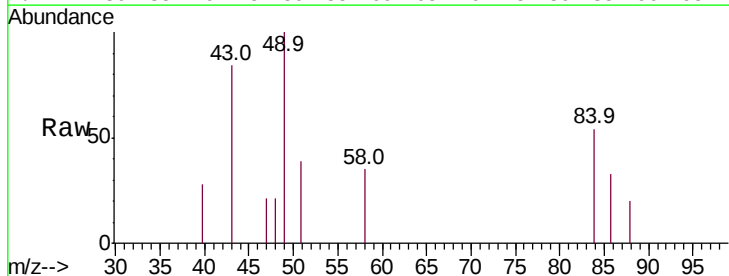
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



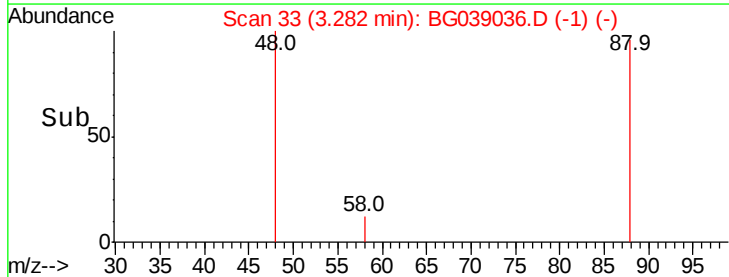
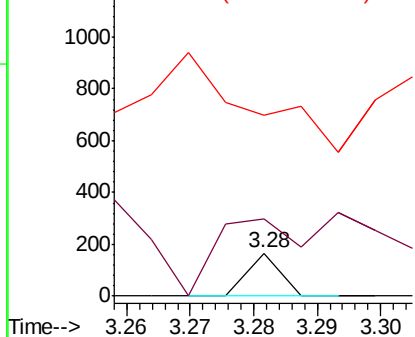
#2

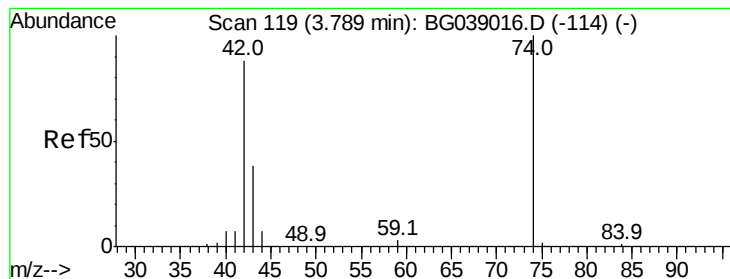
1,4-Dioxane
Concen: 0.122 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.18 min
Lab File: BG039036.D
Acq: 10 Jan 2019 1:03

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
58 459.3 72.4 108.6#
43 672.9 27.6 41.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.099 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.06 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampleId :

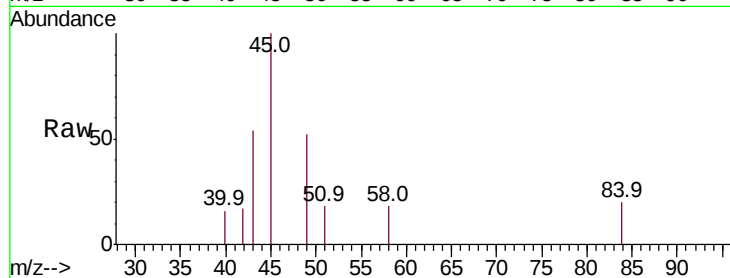
Tot Ion: 42 Resp: 59

Ion Ratio Lower Upper

42 100

74 0.0 90.7 136.1#

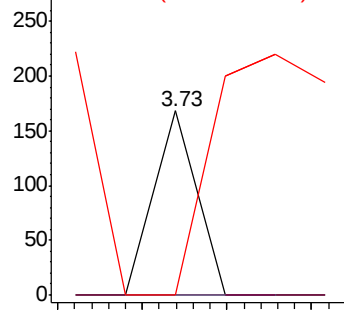
44 0.0 6.5 9.7#



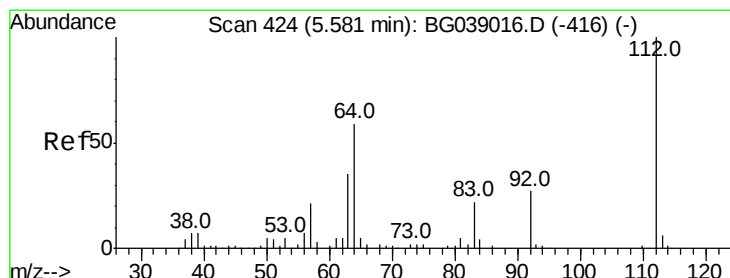
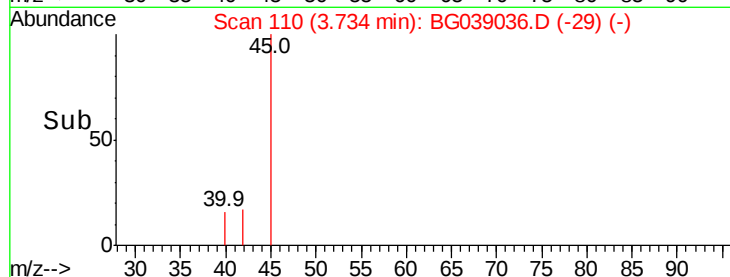
Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



Time-->



#5

2-Fluorophenol

Concen: 137.318 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

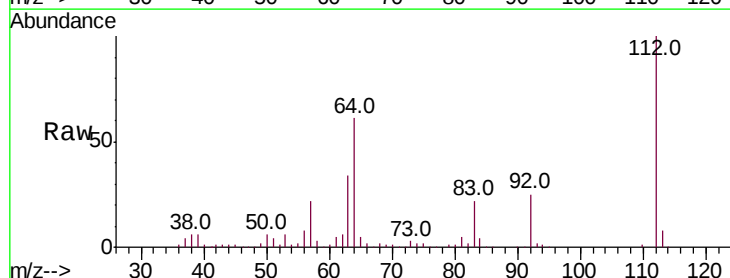
Tgt Ion: 112 Resp: 170118

Ion Ratio Lower Upper

112 100

64 61.1 47.0 70.6

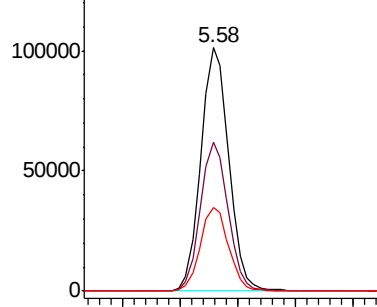
63 34.4 28.0 42.0



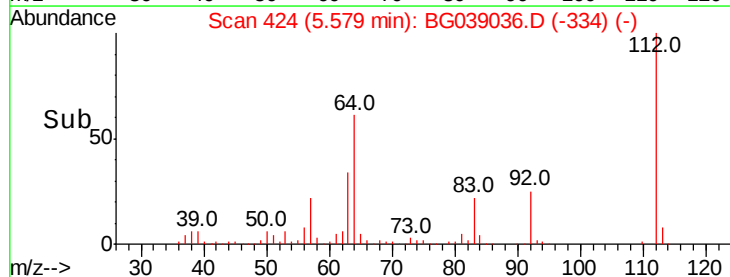
Abundance Ion 112.00 (111.70 to 112.70): E

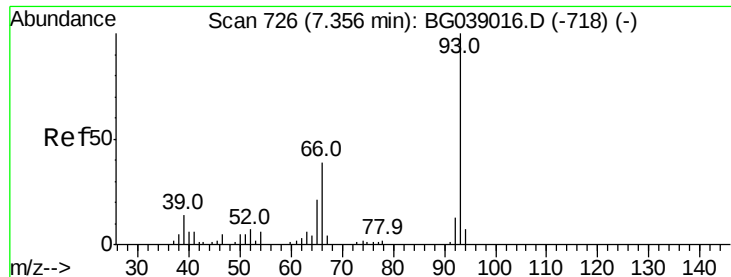
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->





#6

Aniline

Concen: 0.086 ng

RT: 7.56 min Scan# 761

Delta R.T. 0.20 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampleId :

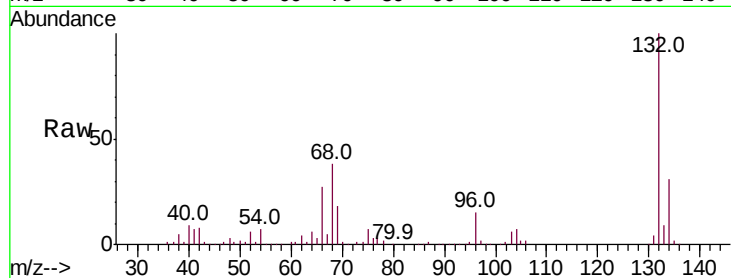
Tot Ion: 93 Resp: 185

Ion Ratio Lower Upper

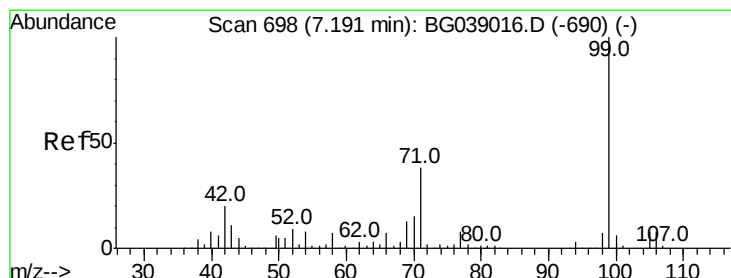
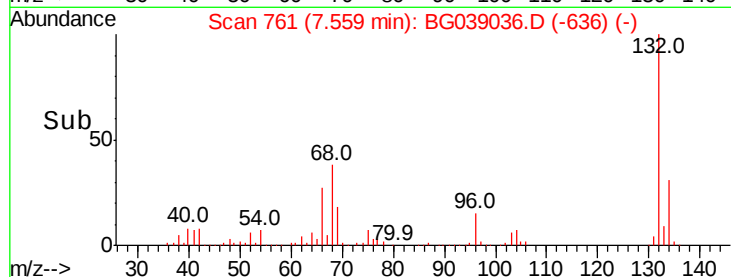
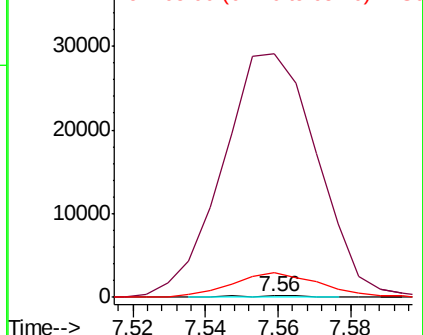
93 100

66 15386.2 30.9 46.3#

65 1573.0 17.0 25.4#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 137.269 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

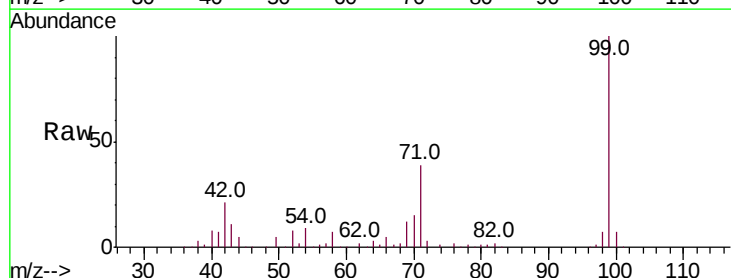
Tgt Ion: 99 Resp: 244735

Ion Ratio Lower Upper

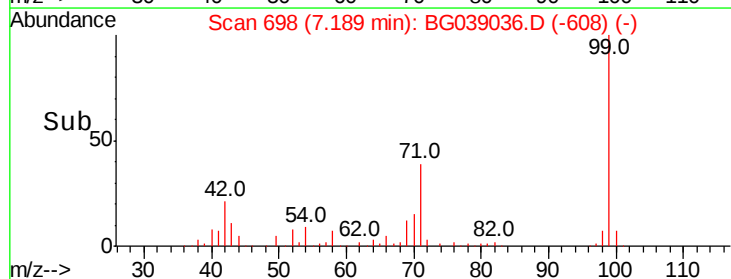
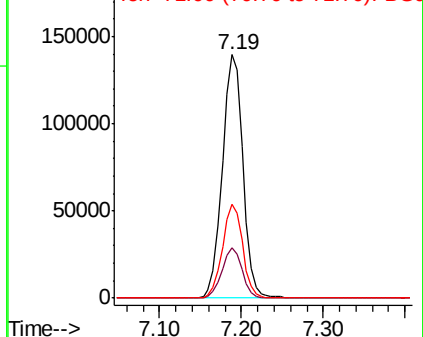
99 100

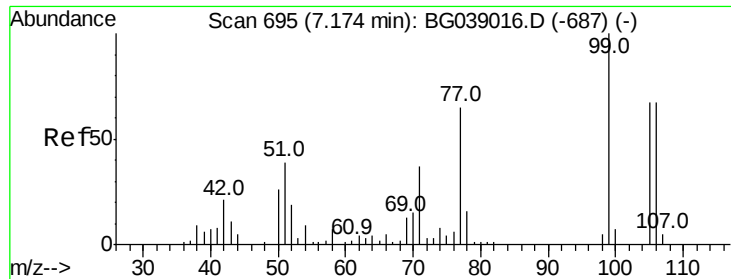
42 20.6 15.8 23.6

71 38.5 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 0.434 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.02 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampled :

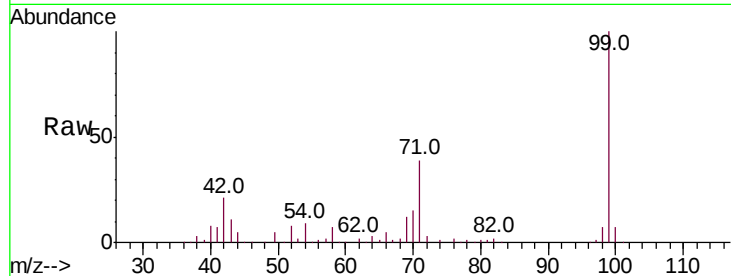
Tot Ion: 77 Resp: 446

Ion Ratio Lower Upper

77 100

105 0.0 82.4 122.4#

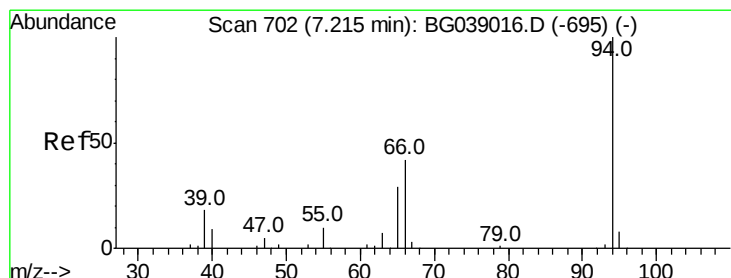
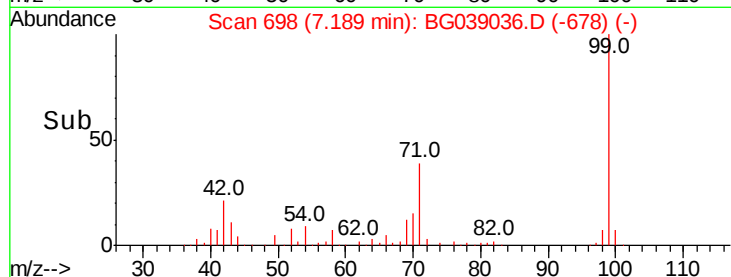
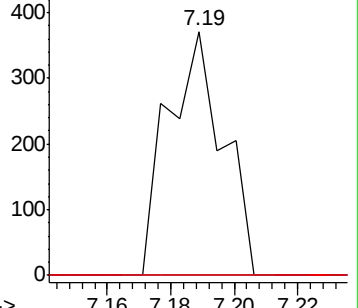
106 0.0 82.8 122.8#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 1.988 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

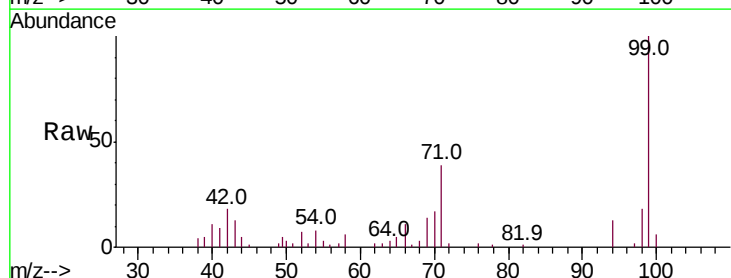
Tgt Ion: 94 Resp: 3554

Ion Ratio Lower Upper

94 100

65 40.9 10.3 50.3

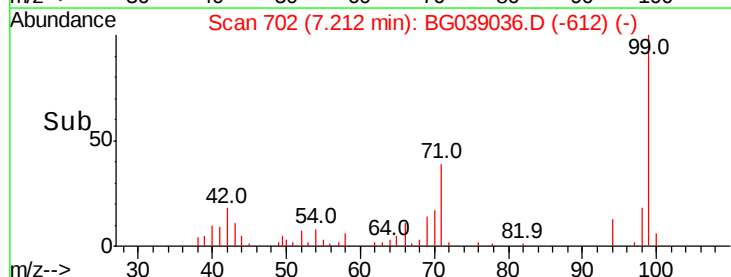
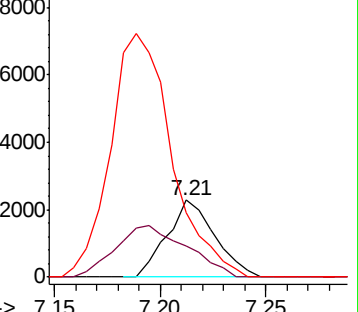
66 84.4 25.1 65.1#

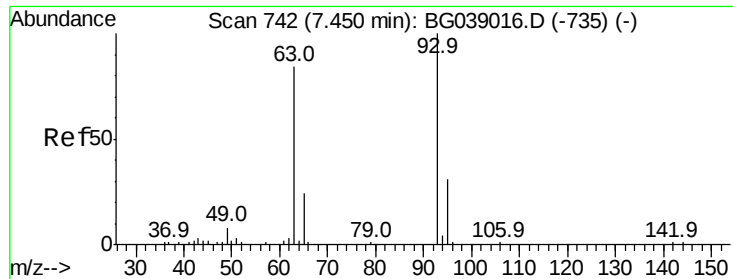


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

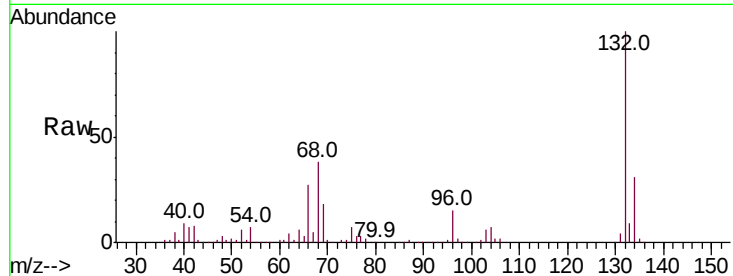




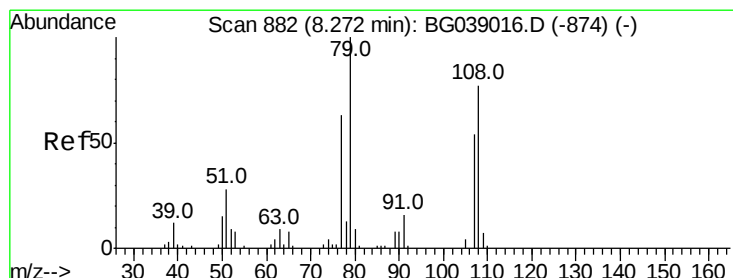
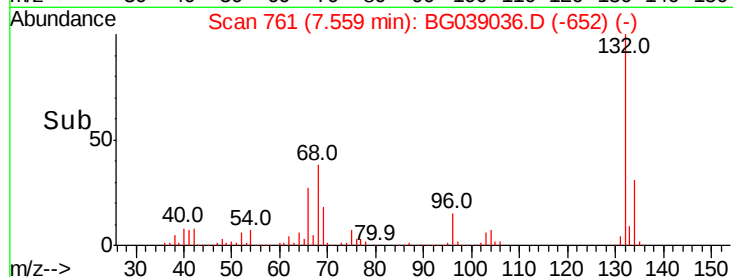
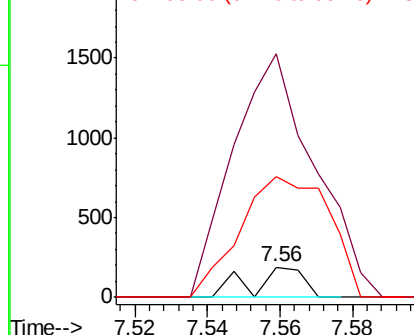
#11
bis(2-Chloroethyl)ether
Concen: 0.135 ng
RT: 7.56 min Scan# 761
Delta R.T. 0.11 min
Lab File: BG039036.D
Acq: 10 Jan 2019 1:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 185
Ion Ratio Lower Upper
93 100
63 807.9 63.2 103.2#
95 400.5 11.2 51.2#

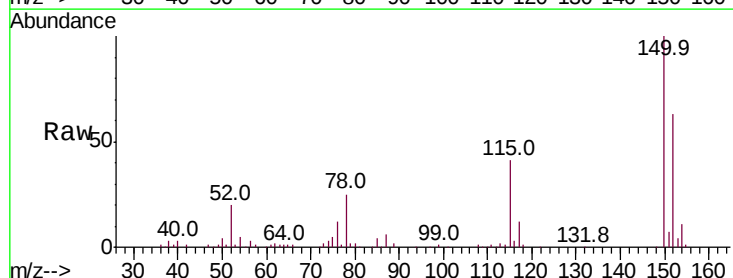


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

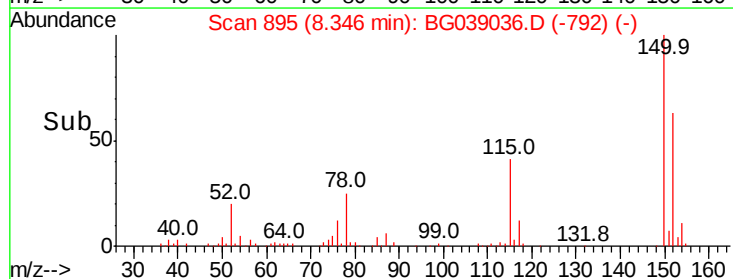
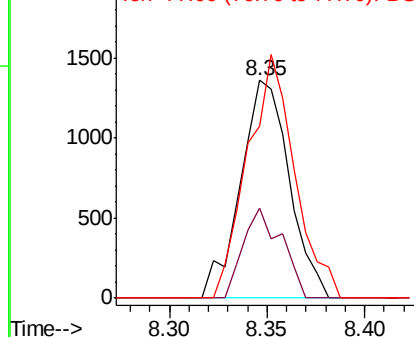


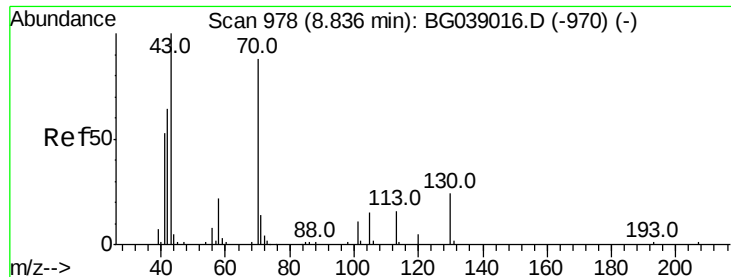
#15
Benzyl Alcohol
Concen: 1.750 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.07 min
Lab File: BG039036.D
Acq: 10 Jan 2019 1:03

Tgt Ion: 79 Resp: 2350
Ion Ratio Lower Upper
79 100
108 41.1 62.0 93.0#
77 79.1 50.1 75.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

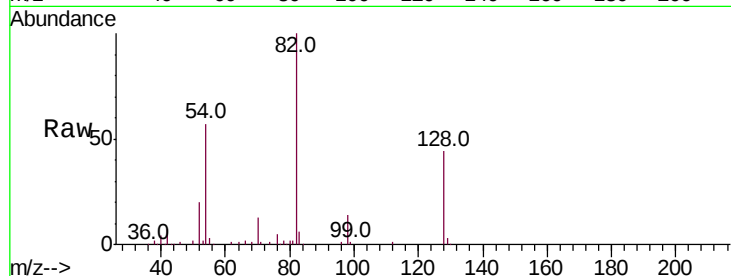




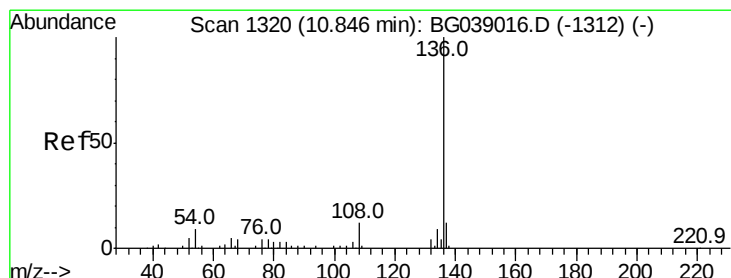
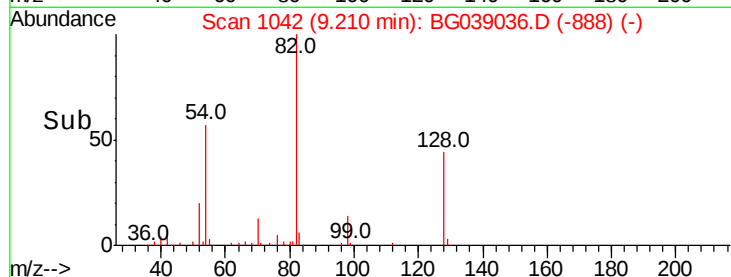
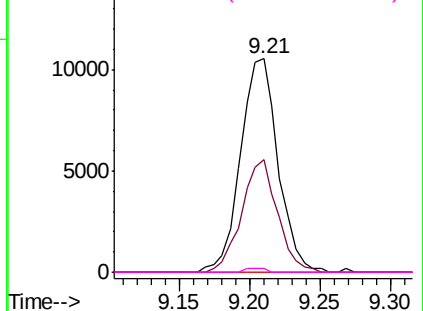
#19
n-Nitroso-di-n-propylamine
Concen: 16.709 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG039036.D
Acq: 10 Jan 2019 1:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 19563
Ion Ratio Lower Upper
70 100
42 52.8 59.0 88.4#
101 0.0 10.4 15.6#
130 1.7 21.6 32.4#

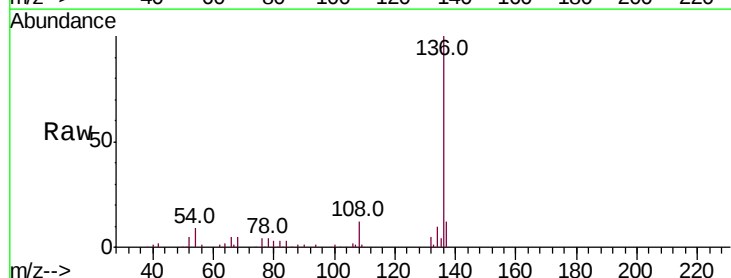


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

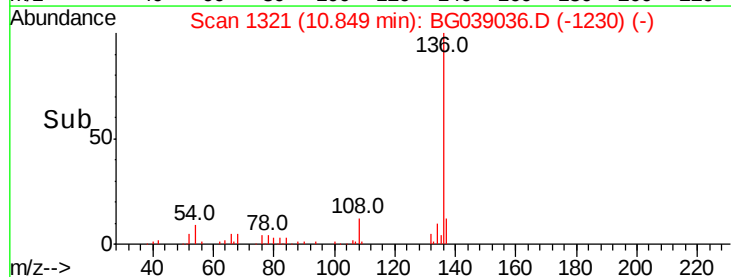
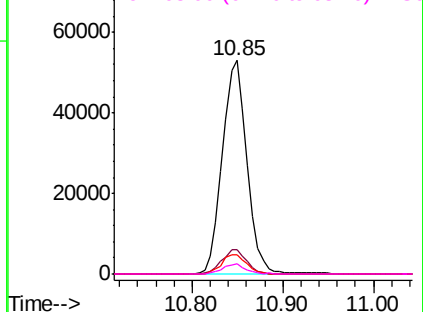


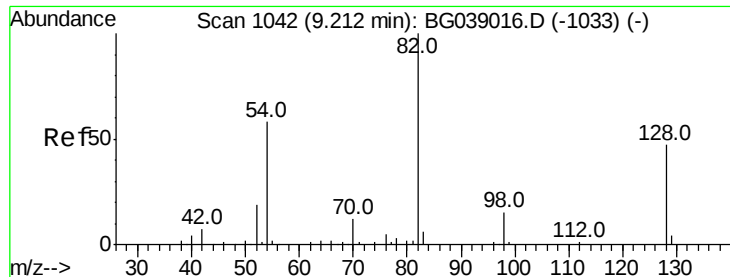
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG039036.D
Acq: 10 Jan 2019 1:03

Tgt Ion: 136 Resp: 99825
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 8.8 7.2 10.8
68 4.7 3.5 5.3



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

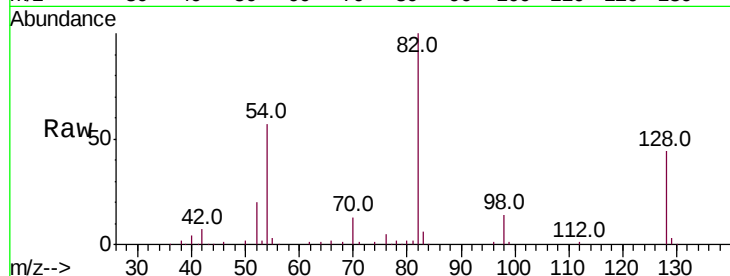




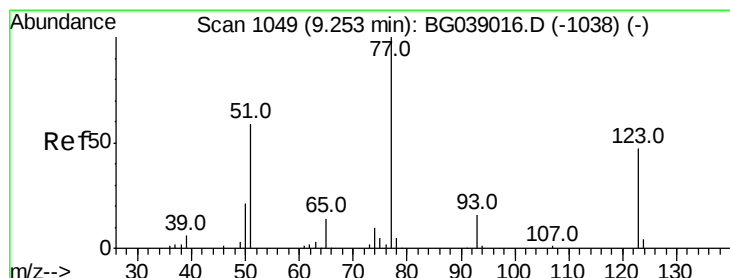
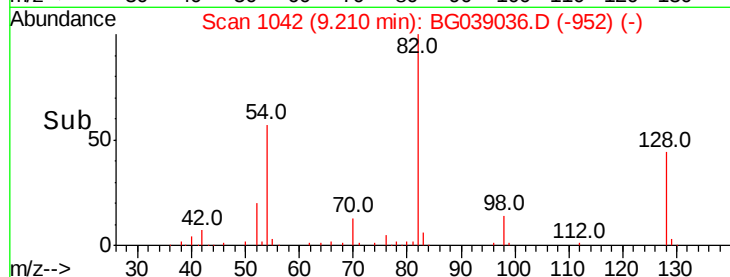
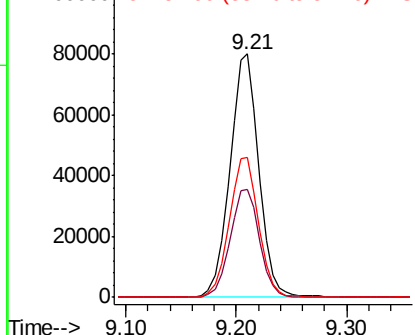
#23
 Nitrobenzene-d5
 Concen: 80.481 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG039036.D
 Acq: 10 Jan 2019 1:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 146821
 Ion Ratio Lower Upper
 82 100
 128 44.4 37.3 55.9
 54 57.4 46.4 69.6

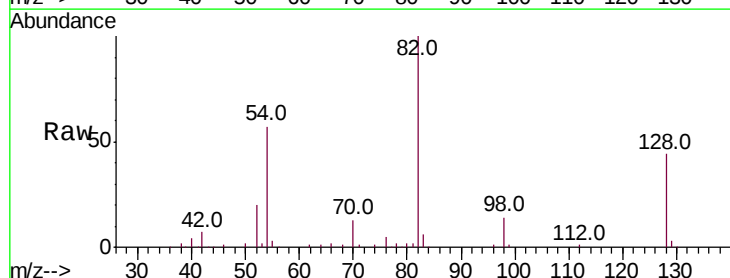


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

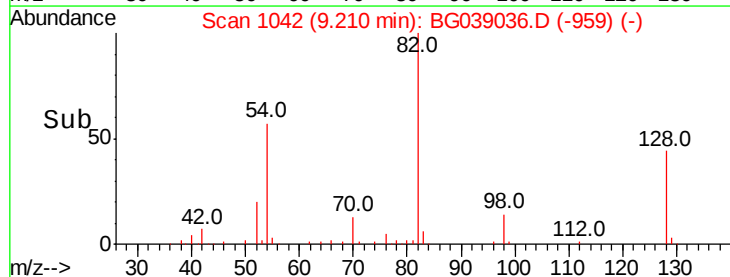
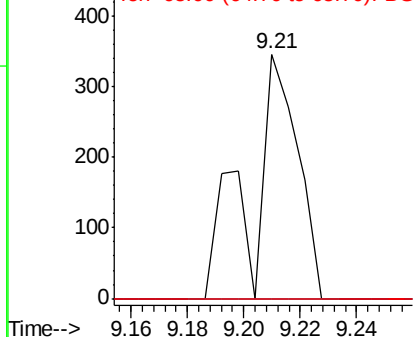


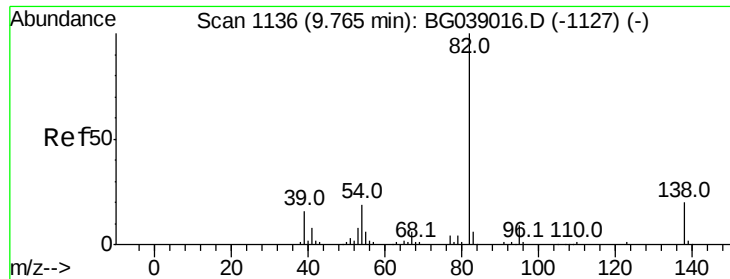
#24
 Nitrobenzene
 Concen: 0.219 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.04 min
 Lab File: BG039036.D
 Acq: 10 Jan 2019 1:03

Tgt Ion: 77 Resp: 403
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.6 56.4#
 65 0.0 11.0 16.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.068 ng

RT: 9.34 min Scan# 1064

Delta R.T. -0.43 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampleId :

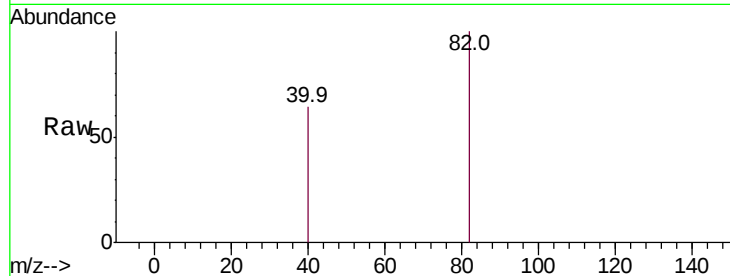
Tot Ion: 82 Resp: 214

Ion Ratio Lower Upper

82 100

95 0.0 7.0 10.6#

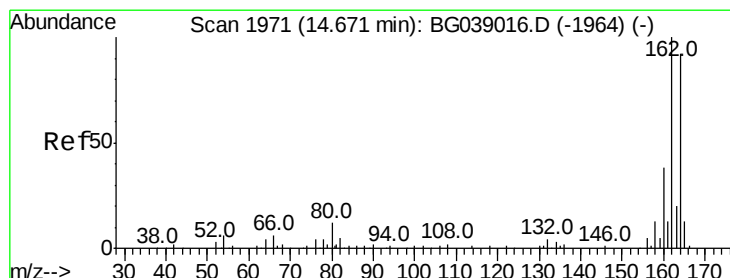
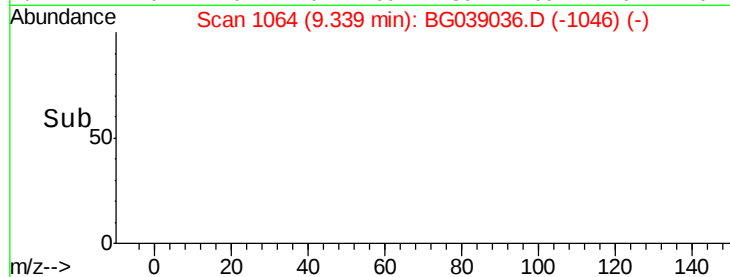
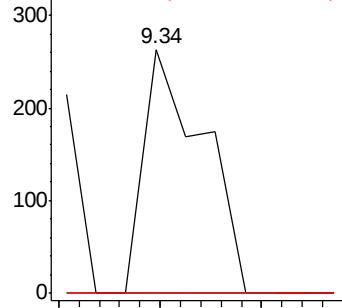
138 0.0 16.2 24.4#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

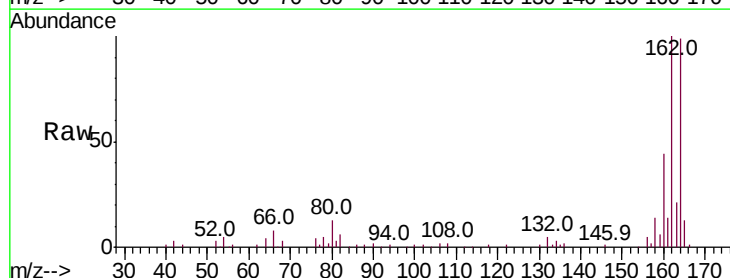
Tgt Ion: 164 Resp: 73537

Ion Ratio Lower Upper

164 100

162 100.9 87.2 130.8

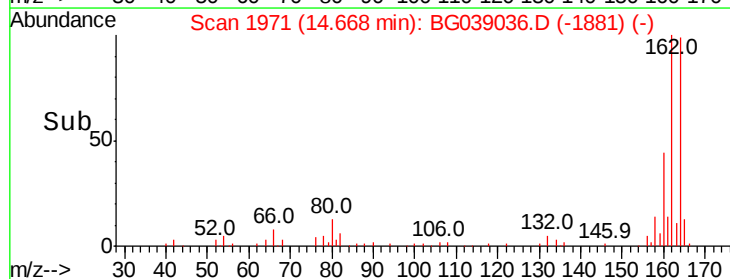
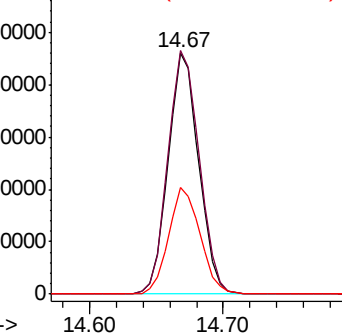
160 44.3 33.3 49.9

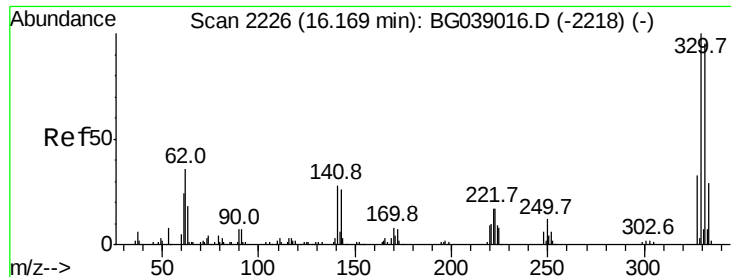


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

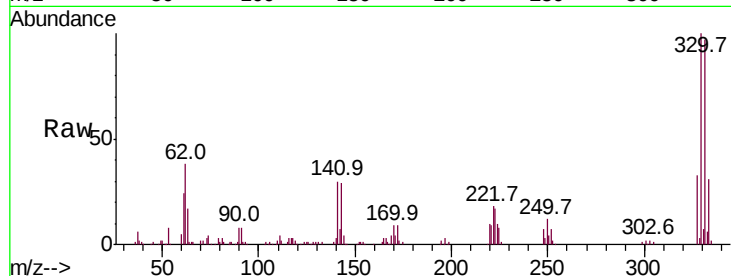




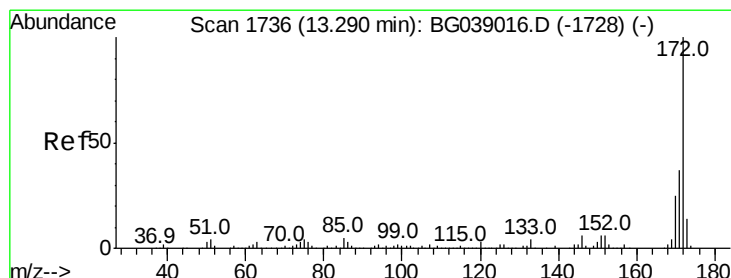
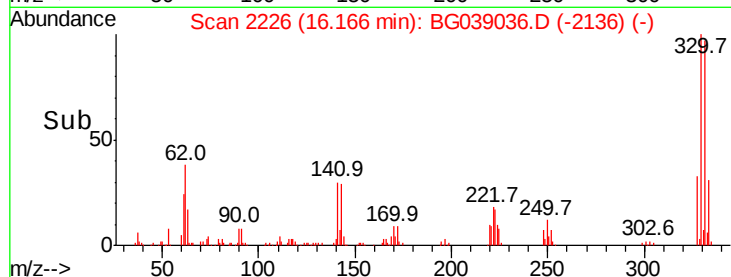
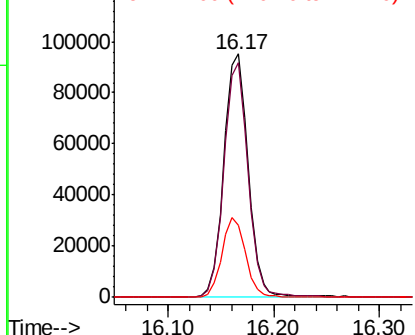
#42
 2,4,6-Tribromophenol
 Concen: 123.819 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG039036.D
 Acq: 10 Jan 2019 1:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 152629
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.7 113.5
 141 32.0 24.9 37.3

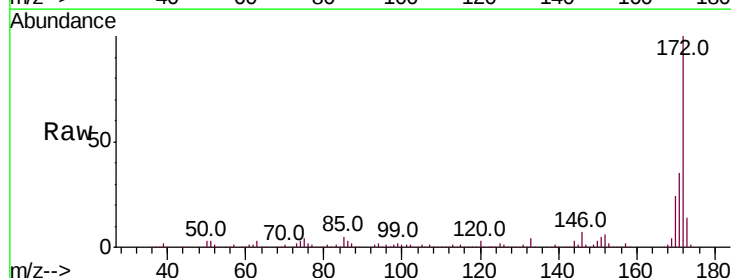


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

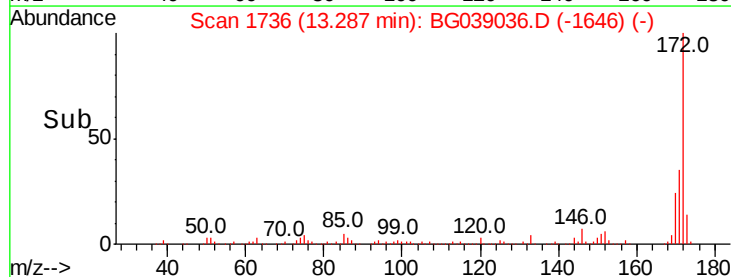
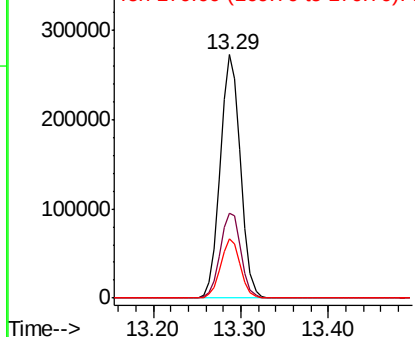


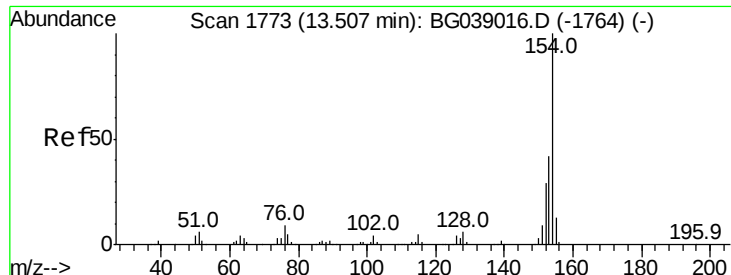
#45
 2-Fluorobiphenyl
 Concen: 81.261 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039036.D
 Acq: 10 Jan 2019 1:03

Tgt Ion:172 Resp: 436641
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.4 44.0
 170 24.1 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

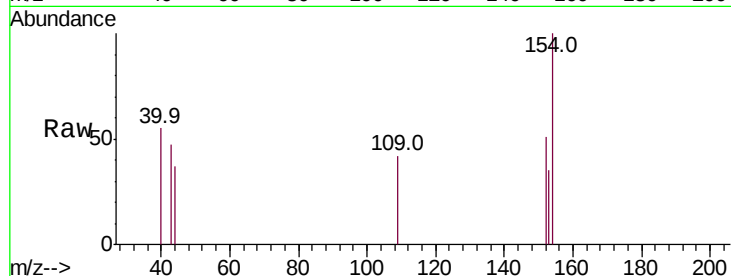




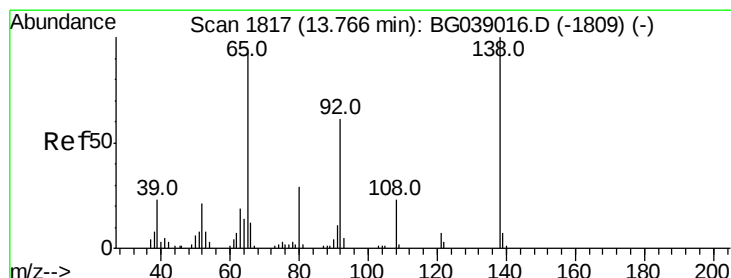
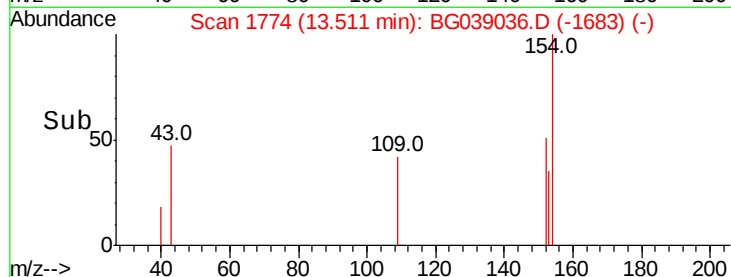
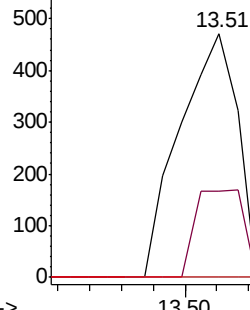
#46
1,1'-Biphenyl
Concen: 0.102 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG039036.D
Acq: 10 Jan 2019 1:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:154 Resp: 594
Ion Ratio Lower Upper
154 100
153 35.2 22.4 62.4
76 0.0 0.0 29.4

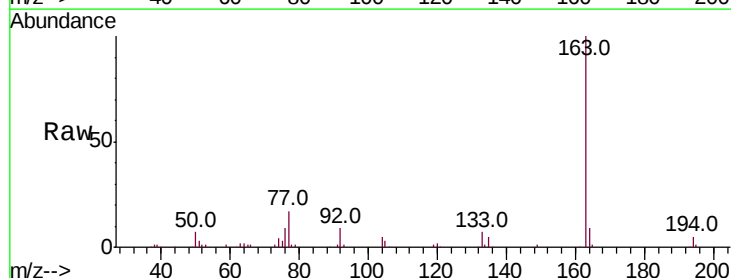


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

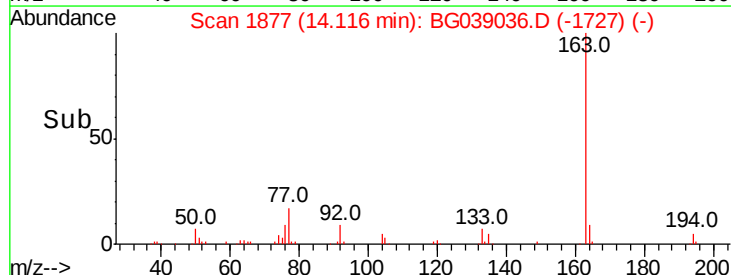
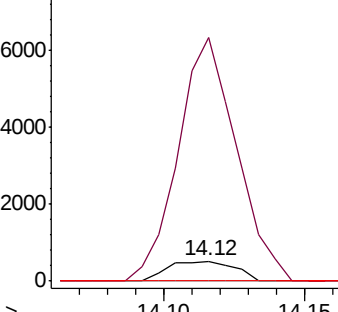


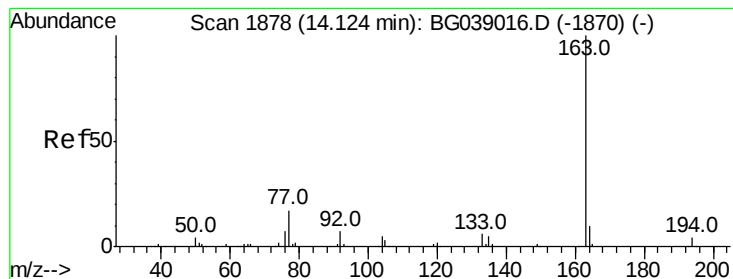
#48
2-Nitroaniline
Concen: 0.651 ng
RT: 14.12 min Scan# 1877
Delta R.T. 0.35 min
Lab File: BG039036.D
Acq: 10 Jan 2019 1:03

Tgt Ion: 65 Resp: 860
Ion Ratio Lower Upper
65 100
92 1216.7 52.2 78.4#
138 0.0 86.0 129.0#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#50

Dimethylphthalate

Concen: 17.077 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampled :

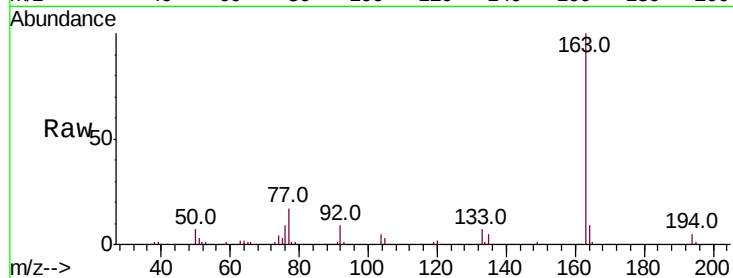
Tot Ion:163 Resp: 106120

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

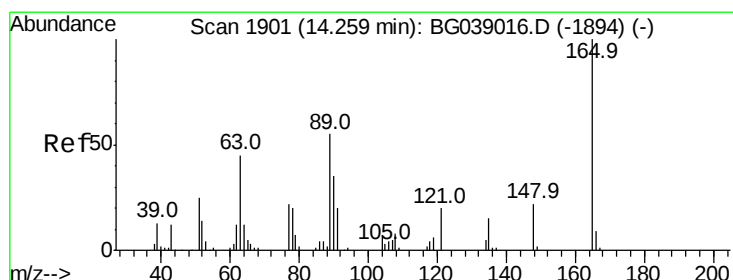
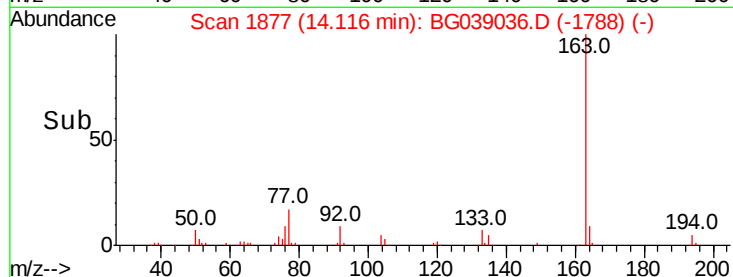
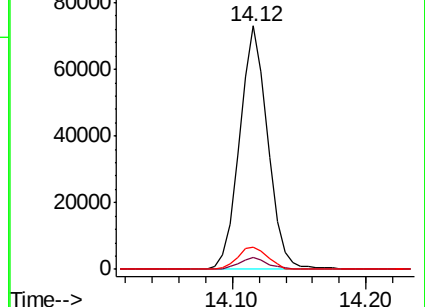
164 8.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 0.877 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.14 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

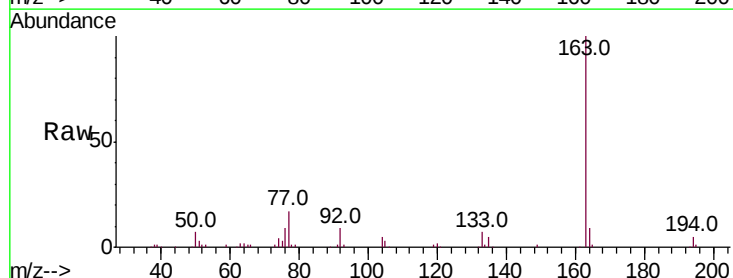
Tgt Ion:165 Resp: 1218

Ion Ratio Lower Upper

165 100

63 121.7 43.6 65.4#

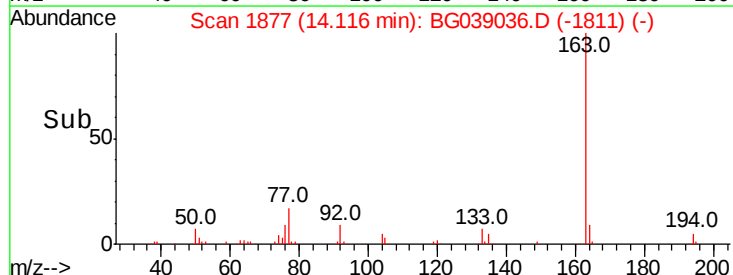
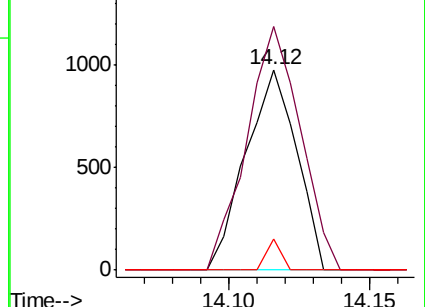
89 15.6 43.7 65.5#

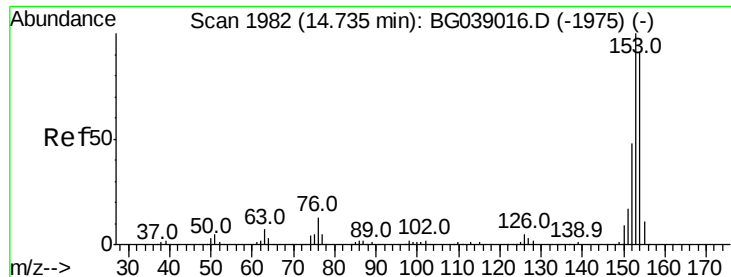


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.059 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.06 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampleId :

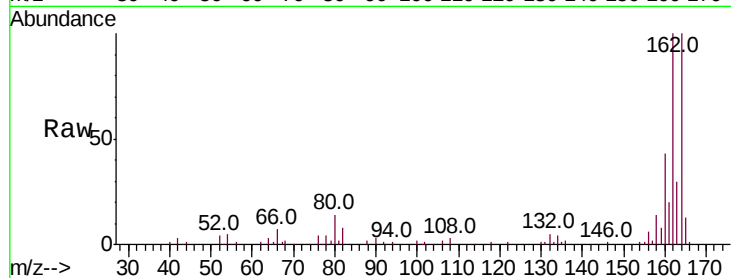
Tot Ion:154 Resp: 250

Ion Ratio Lower Upper

154 100

153 0.0 87.9 131.9#

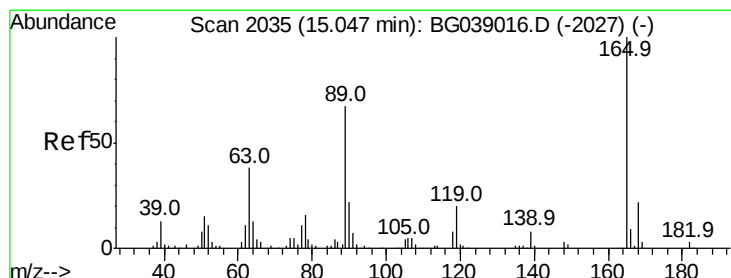
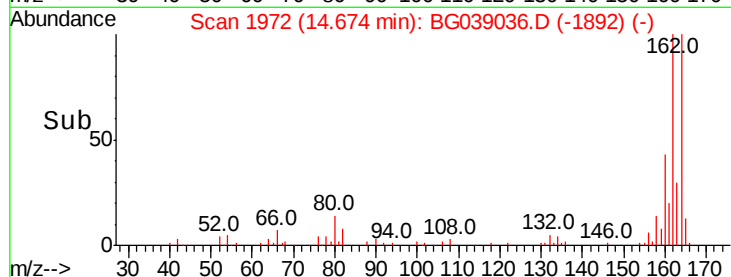
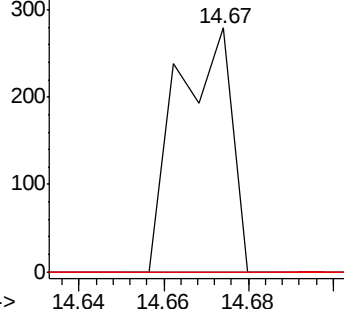
152 0.0 42.2 63.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

2,4-Dinitrotoluene

Concen: 4.986 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.38 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Tgt Ion:165 Resp: 9939

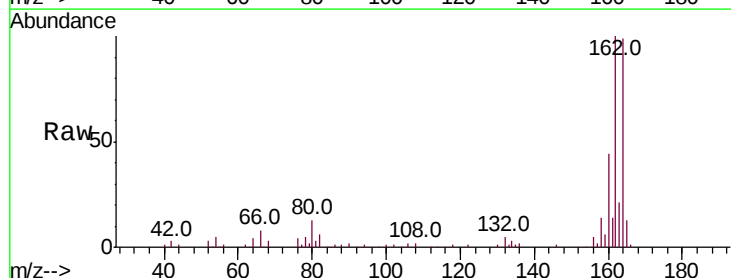
Ion Ratio Lower Upper

165 100

63 0.0 30.2 45.4#

89 0.0 53.2 79.8#

182 0.0 2.7 4.1#

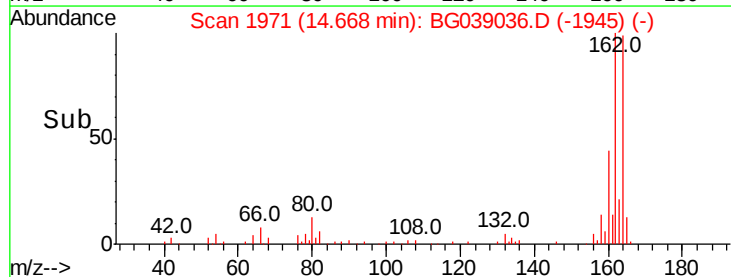
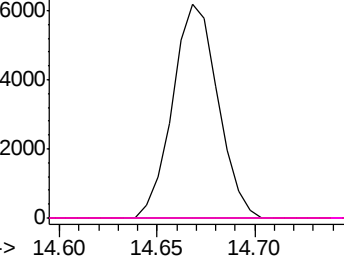


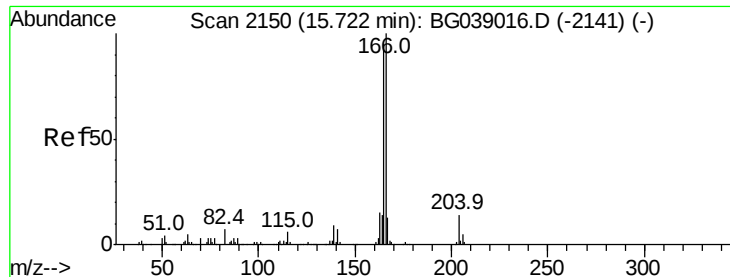
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.741 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.44 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampleId :

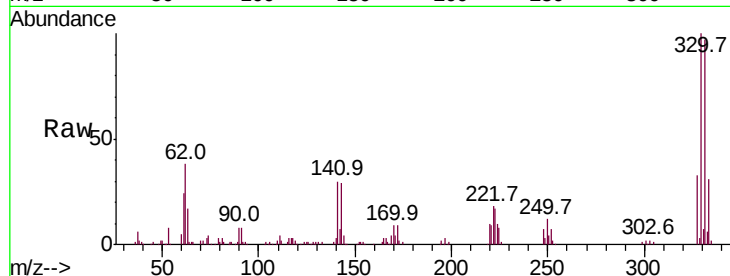
Tot Ion:166 Resp: 4197

Ion Ratio Lower Upper

166 100

165 112.1 76.2 114.2

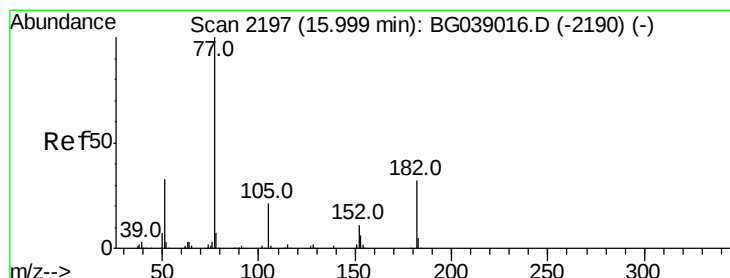
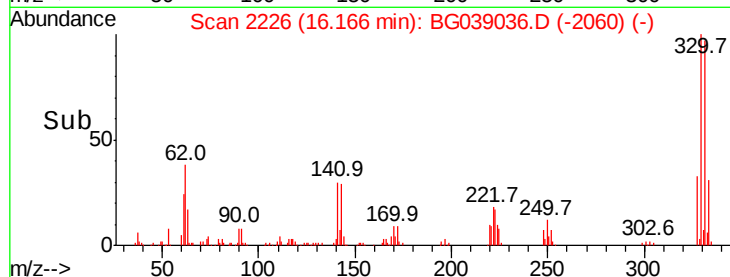
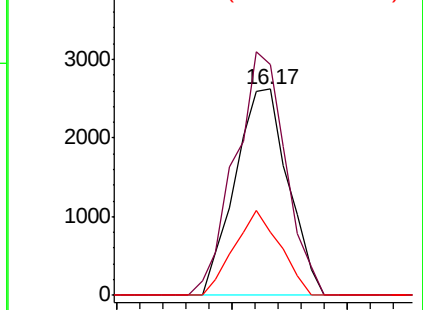
167 40.2 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Azobenzene

Concen: 0.109 ng

RT: 16.15 min Scan# 2224

Delta R.T. 0.16 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Tgt Ion: 77 Resp: 545

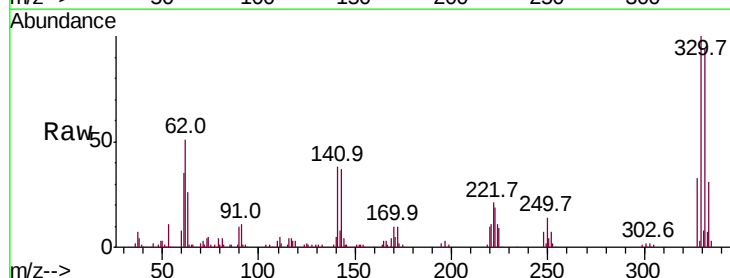
Ion Ratio Lower Upper

77 100

182 0.0 12.2 52.2#

105 63.0 1.2 41.2#

51 80.7 13.4 53.4#

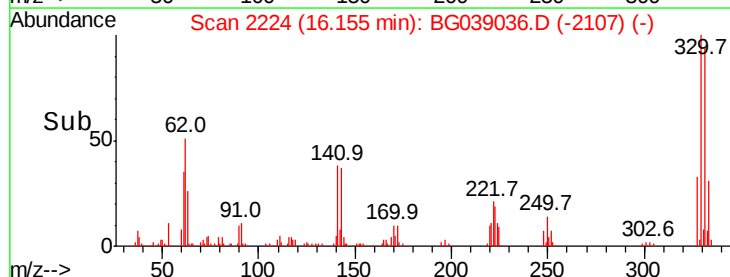
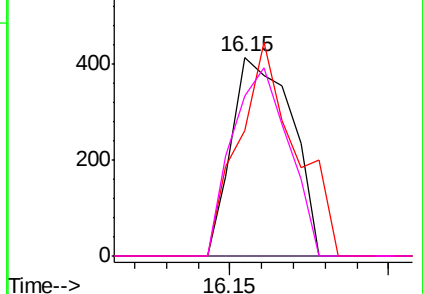


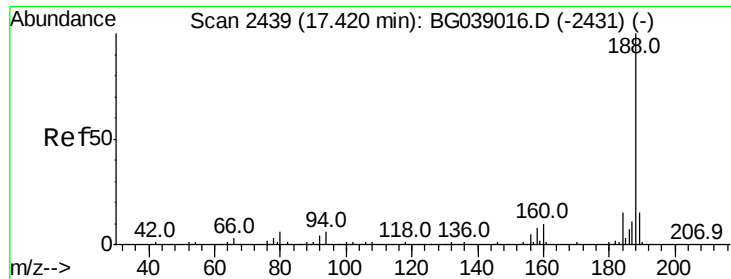
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampleId :

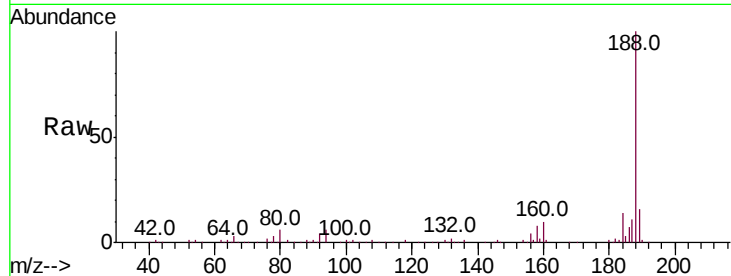
Tot Ion:188 Resp: 193019

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.4

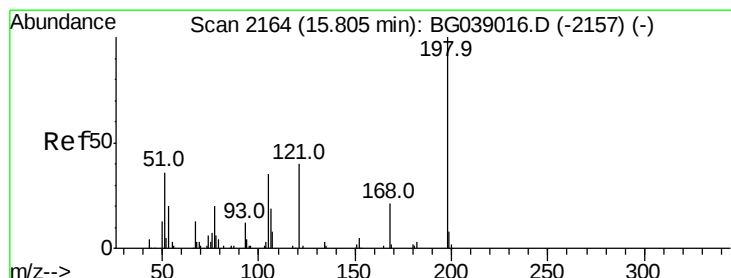
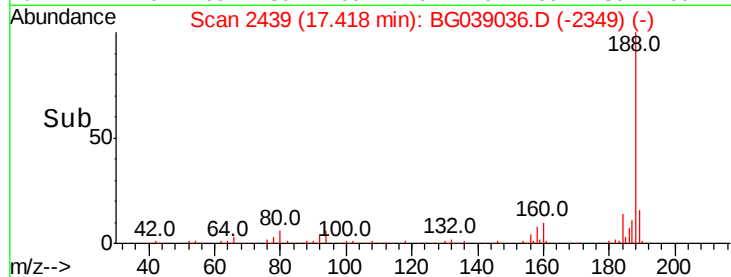
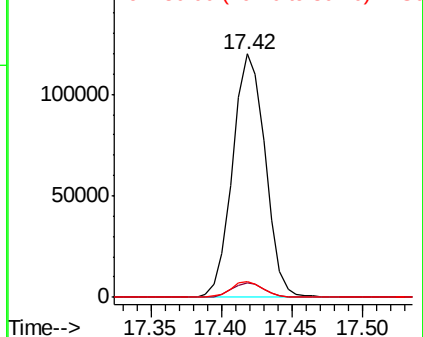
80 6.5 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 0.283 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.36 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

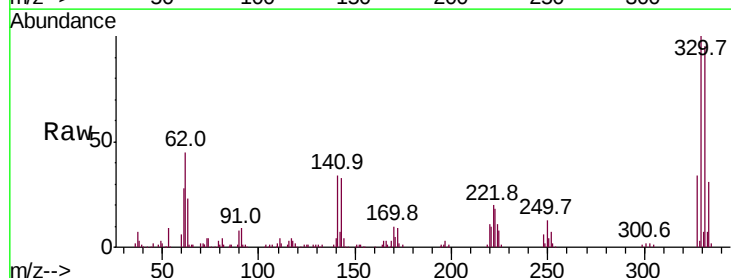
Tgt Ion:198 Resp: 405

Ion Ratio Lower Upper

198 100

51 22.7 20.8 60.8

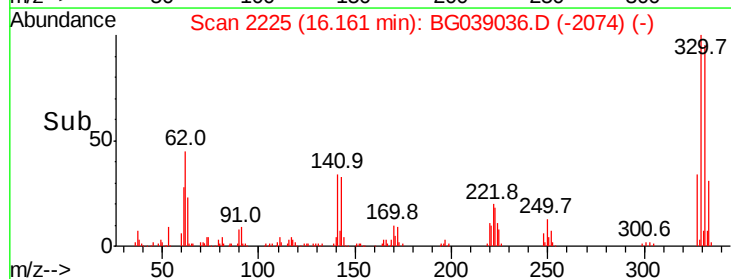
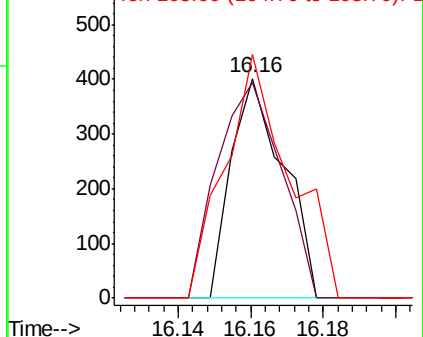
105 25.7 16.1 56.1

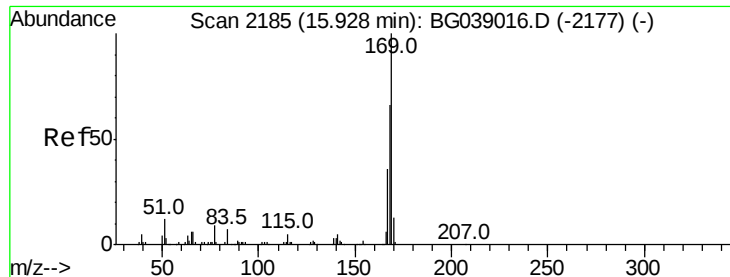


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

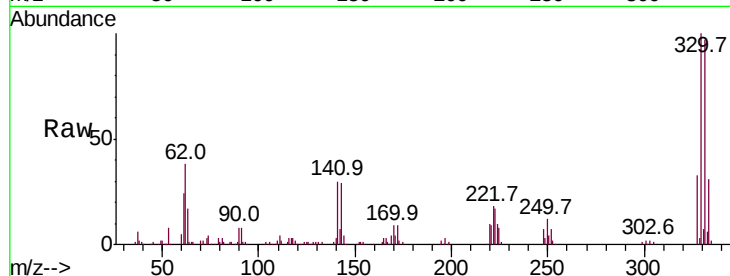




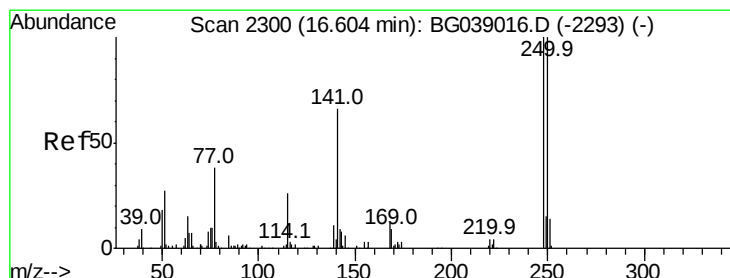
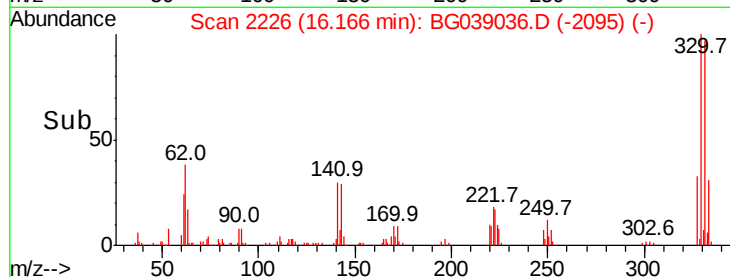
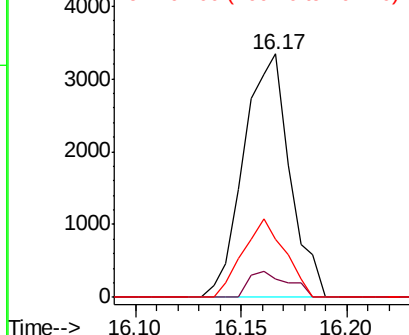
#66
n-Nitrosodiphenylamine
Concen: 0.885 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.24 min
Lab File: BG039036.D
Acq: 10 Jan 2019 1:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:169 Resp: 5065
Ion Ratio Lower Upper
169 100
168 7.7 53.2 79.8#
167 31.6 29.1 43.7

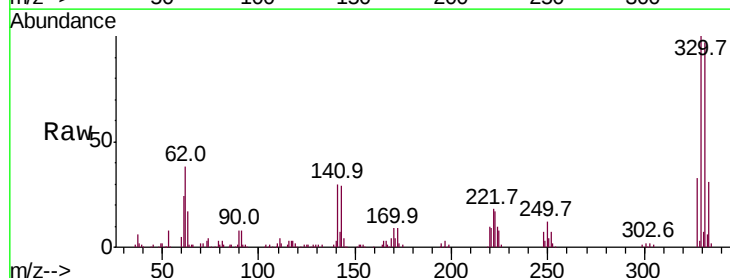


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

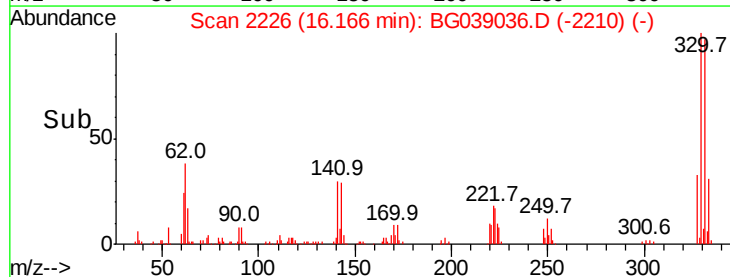
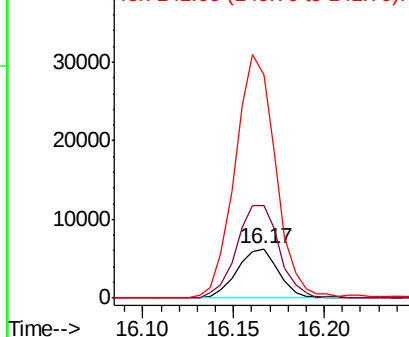


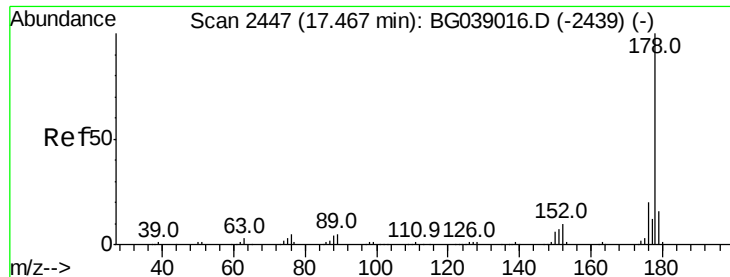
#67
4-Bromophenyl-phenylether
Concen: 4.016 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.44 min
Lab File: BG039036.D
Acq: 10 Jan 2019 1:03

Tgt Ion:248 Resp: 9964
Ion Ratio Lower Upper
248 100
250 179.8 79.9 119.9#
141 324.9 52.7 79.1#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

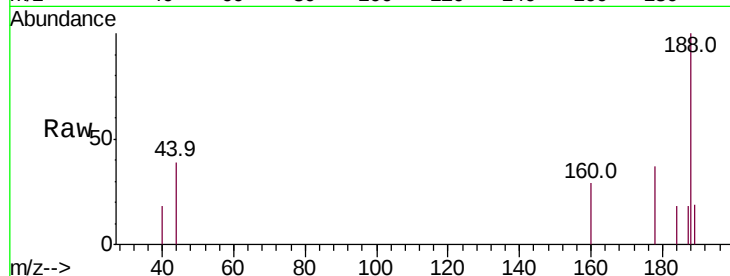




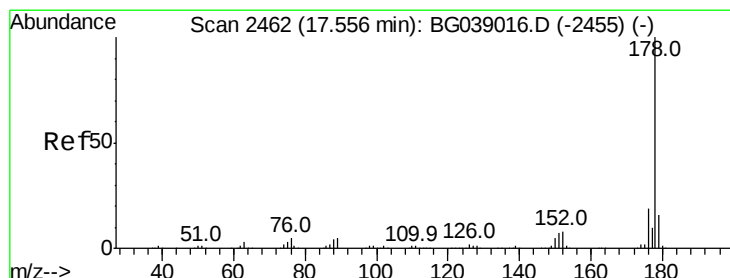
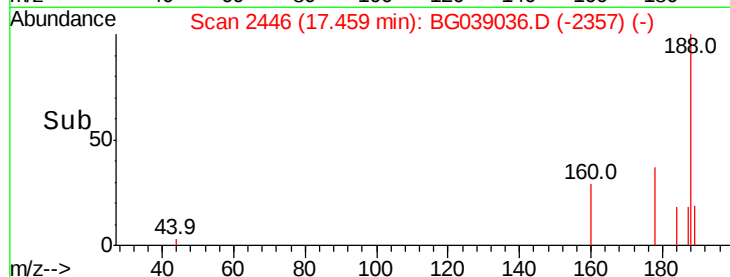
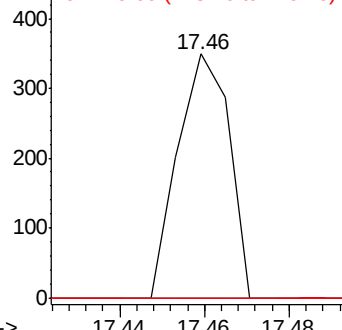
#71
 Phenanthrene
 Concen: 0.029 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG039036.D
 Acq: 10 Jan 2019 1:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 295
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.7 23.5#
 179 0.0 12.9 19.3#

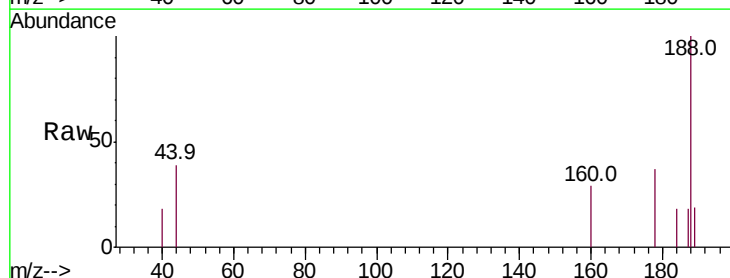


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

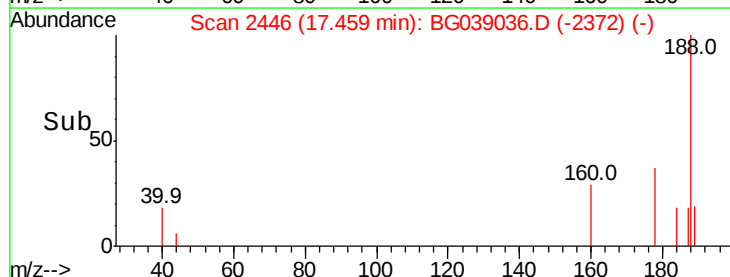
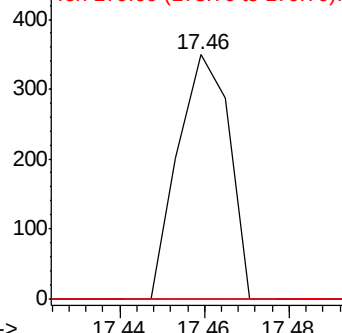


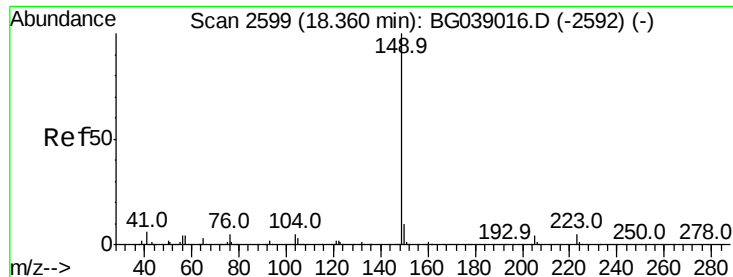
#72
 Anthracene
 Concen: 0.029 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.10 min
 Lab File: BG039036.D
 Acq: 10 Jan 2019 1:03

Tgt Ion:178 Resp: 295
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.9 22.3#
 179 0.0 13.0 19.4#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.008 ng

RT: 18.36 min Scan# 2600

Delta R.T. 0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampleId :

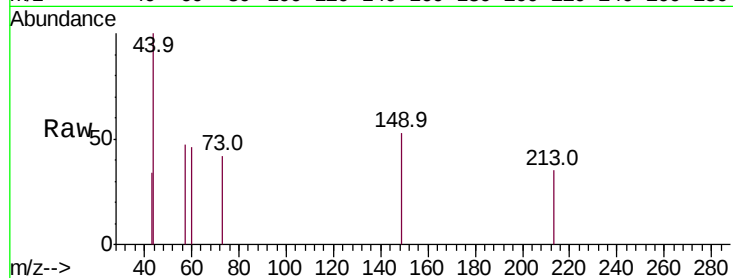
Tot Ion:149 Resp: 88

Ion Ratio Lower Upper

149 100

150 0.0 7.9 11.9#

104 0.0 4.2 6.2#

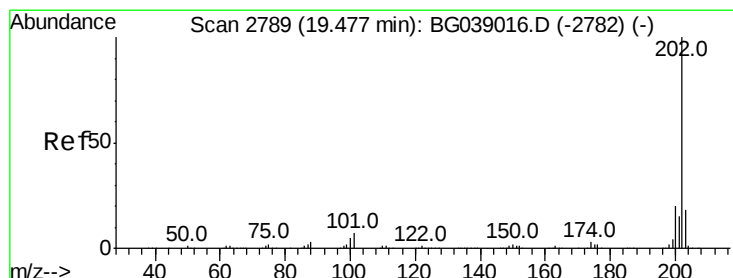
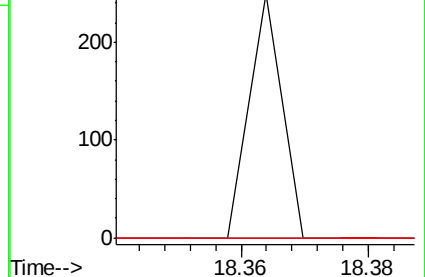
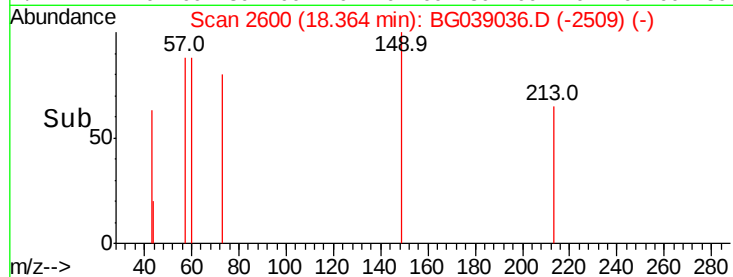


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.36



#75

Fluoranthene

Concen: 0.022 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

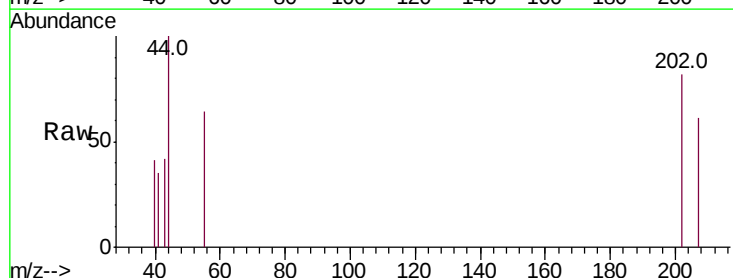
Tgt Ion:202 Resp: 277

Ion Ratio Lower Upper

202 100

101 0.0 0.0 26.9

203 0.0 0.0 38.1

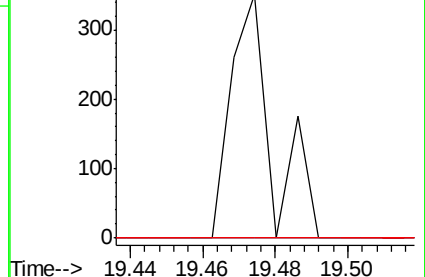
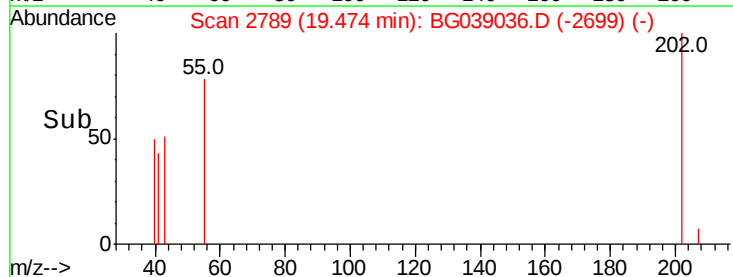


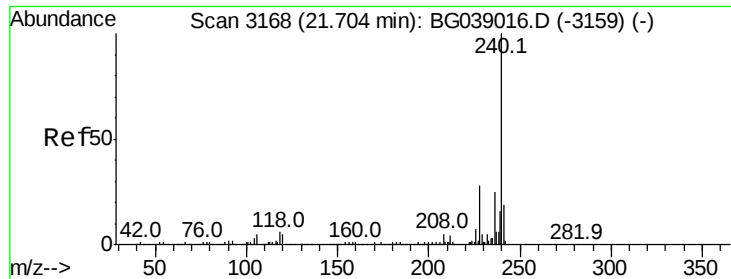
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.47





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampleId :

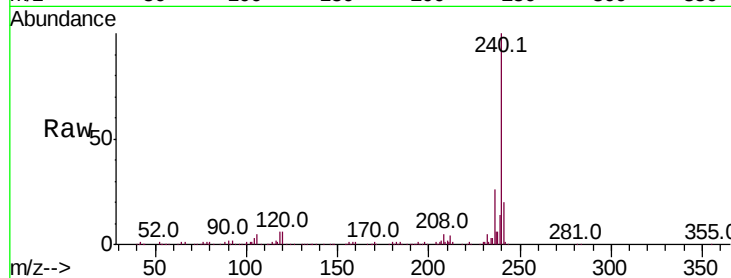
Tot Ion:240 Resp: 198124

Ion Ratio Lower Upper

240 100

120 6.2 4.3 6.5

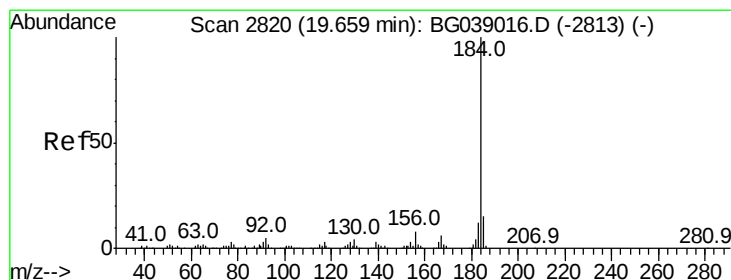
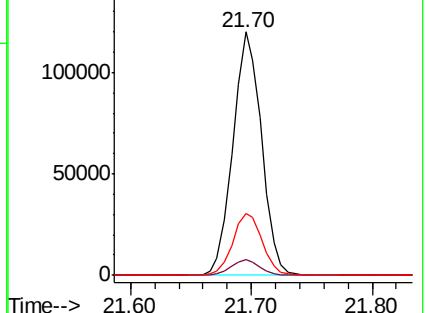
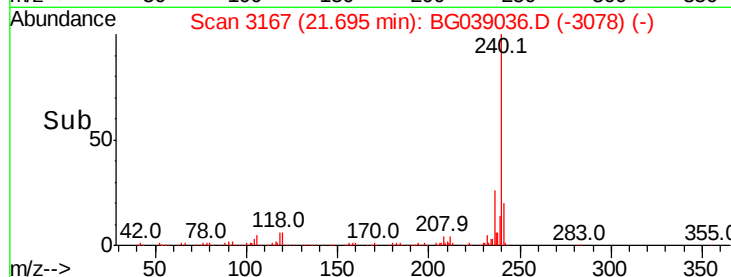
236 25.5 20.1 30.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 2.162 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.37 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

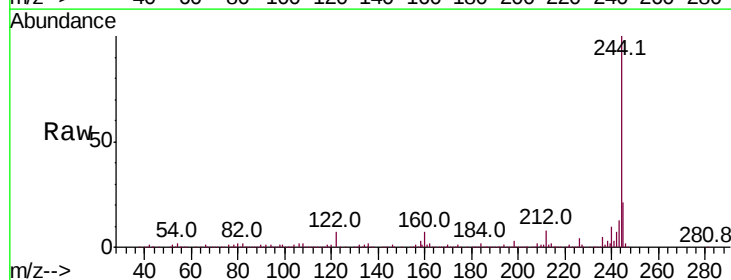
Tgt Ion:184 Resp: 13100

Ion Ratio Lower Upper

184 100

185 15.8 12.1 18.1

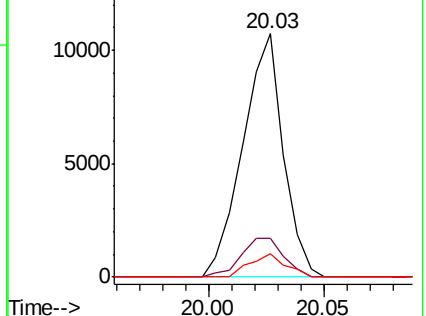
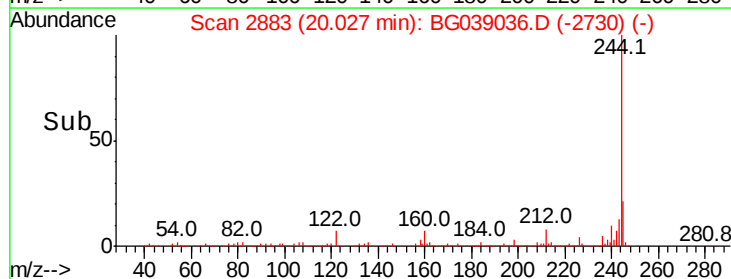
183 9.8 9.5 14.3

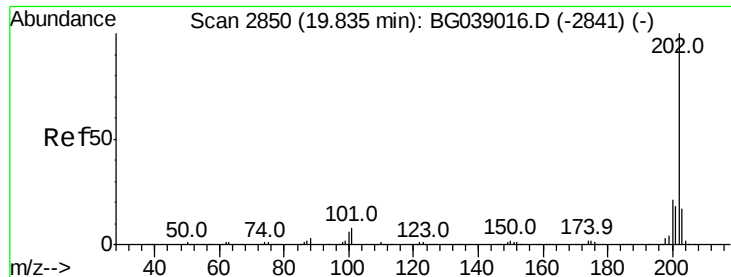


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 0.035 ng

RT: 19.84 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampleId :

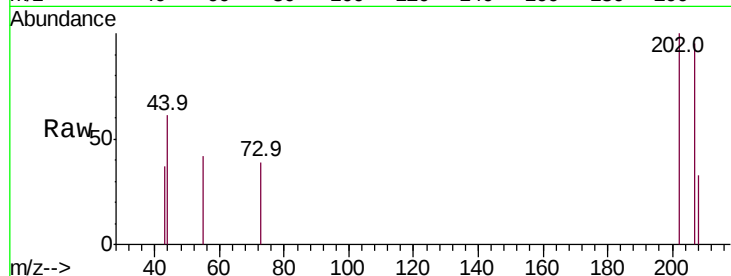
Tot Ion:202 Resp: 440

Ion Ratio Lower Upper

202 100

200 0.0 17.0 25.6#

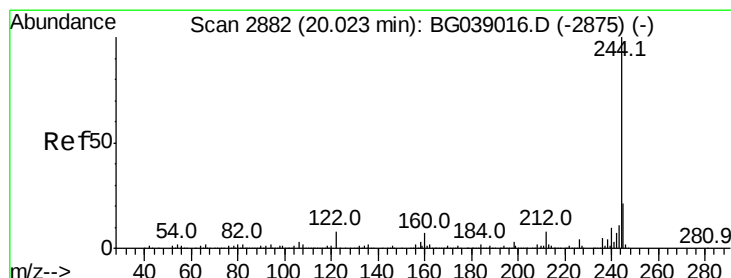
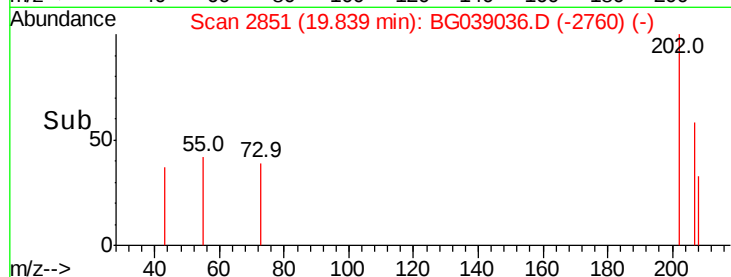
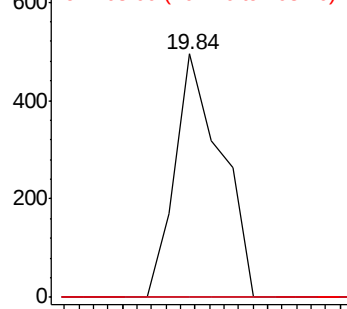
203 0.0 14.0 21.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 78.652 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

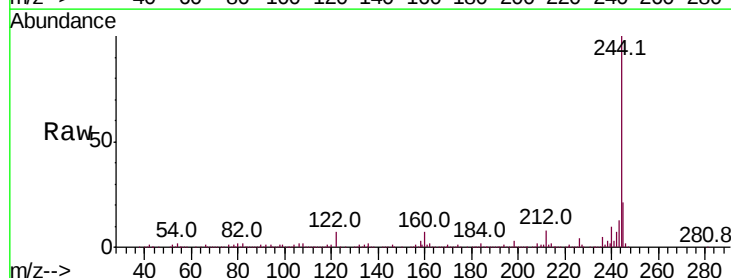
Tgt Ion:244 Resp: 842360

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

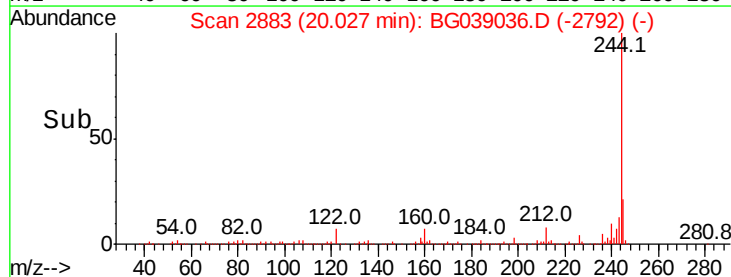
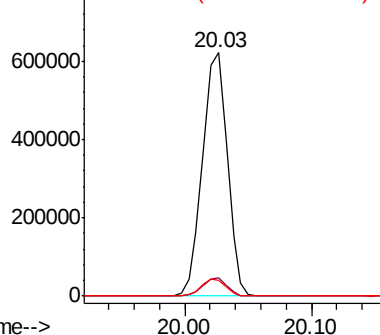
122 6.5 6.1 9.1

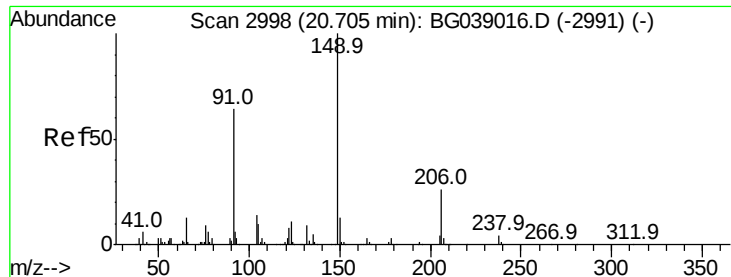


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 0.012 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampled :

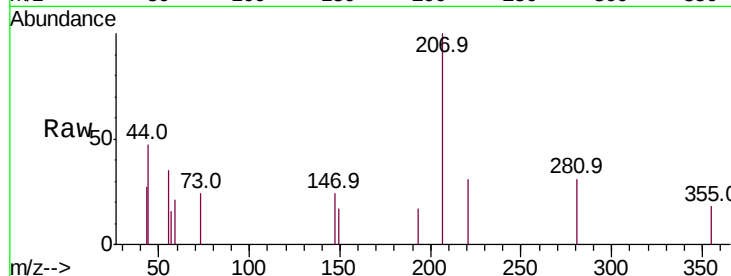
Tot Ion:149 Resp: 57

Ion Ratio Lower Upper

149 100

91 0.0 51.4 77.0#

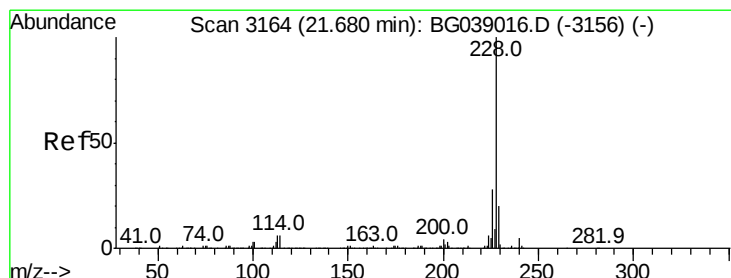
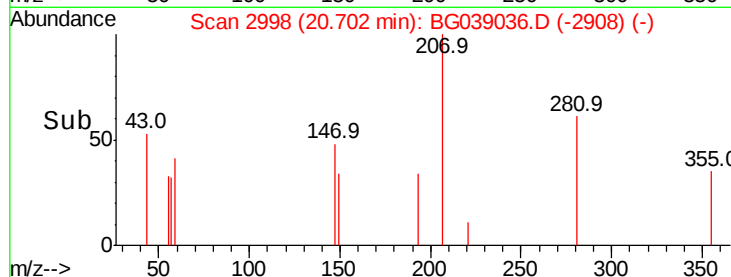
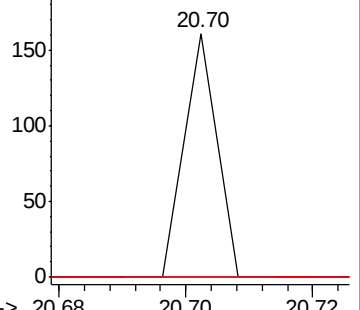
206 0.0 20.4 30.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 0.057 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.01 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

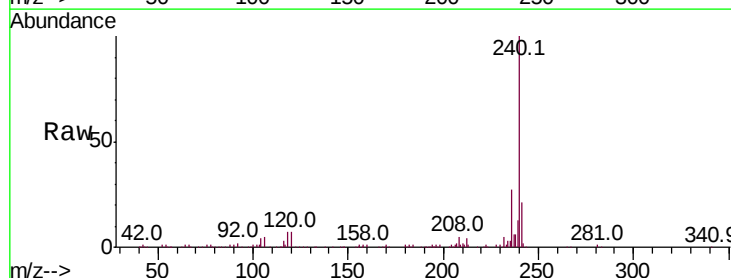
Tgt Ion:228 Resp: 690

Ion Ratio Lower Upper

228 100

226 0.0 22.4 33.6#

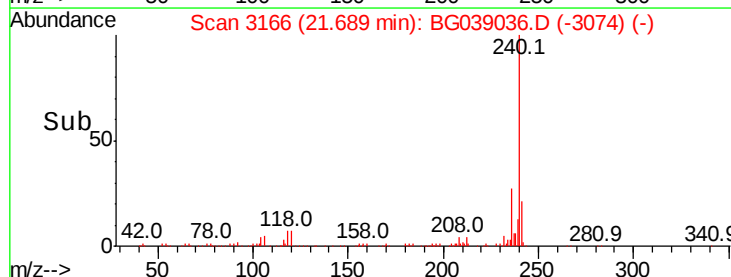
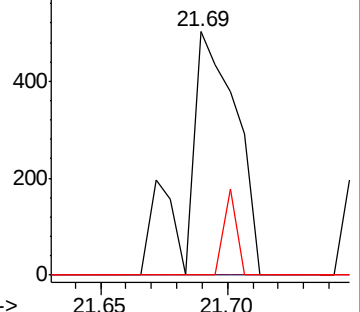
229 0.0 16.2 24.2#

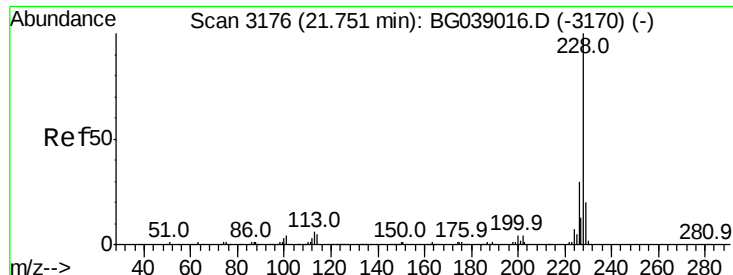


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 0.011 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampled :

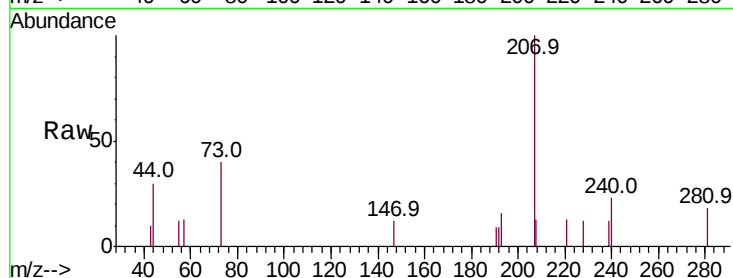
Tot Ion:228 Resp: 127

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

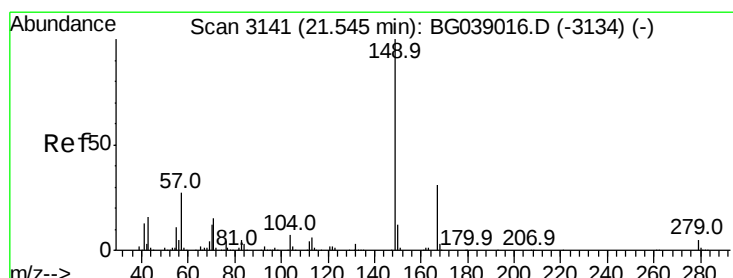
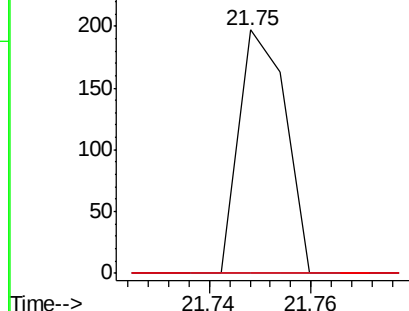
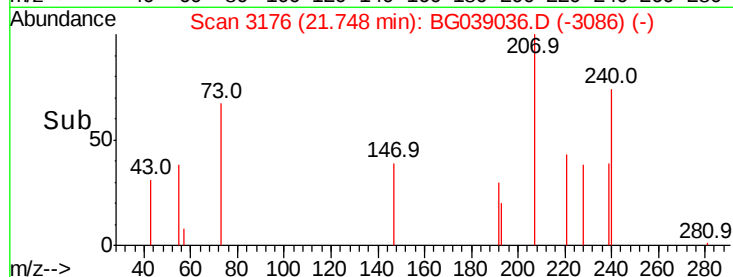
229 0.0 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.077 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

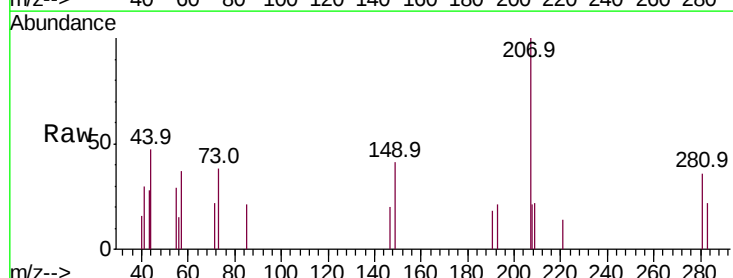
Tgt Ion:149 Resp: 512

Ion Ratio Lower Upper

149 100

167 0.0 25.0 37.4#

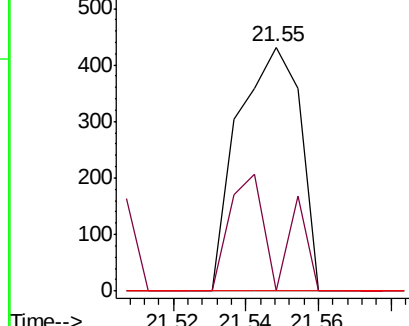
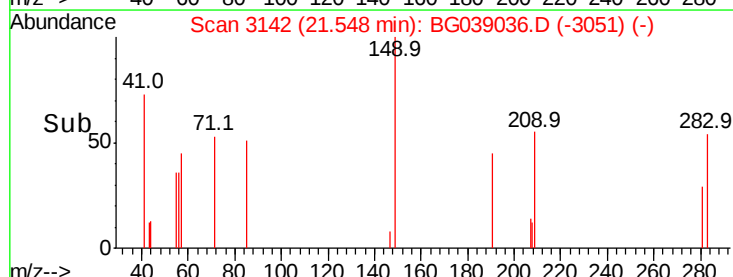
279 0.0 4.3 6.5#

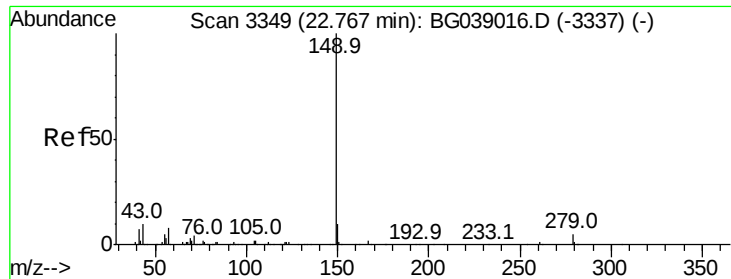


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.006 ng

RT: 22.78 min Scan# 3351

Delta R.T. 0.01 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampleId :

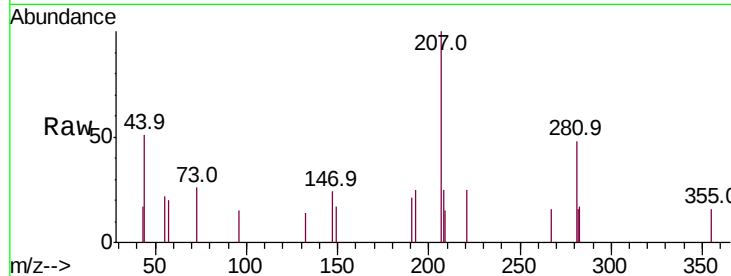
Tot Ion:149 Resp: 65

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

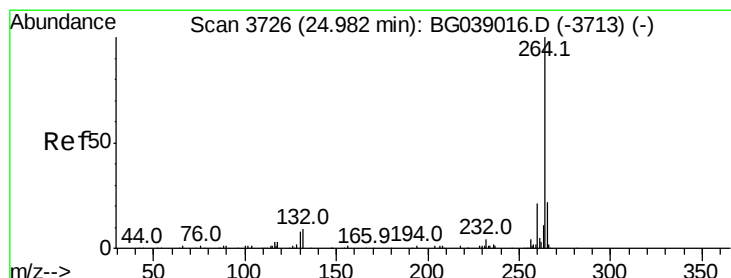
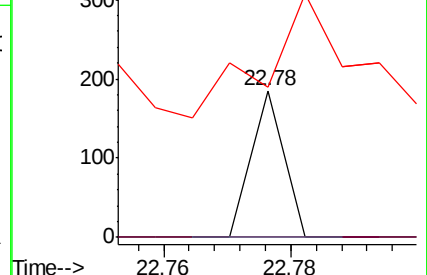
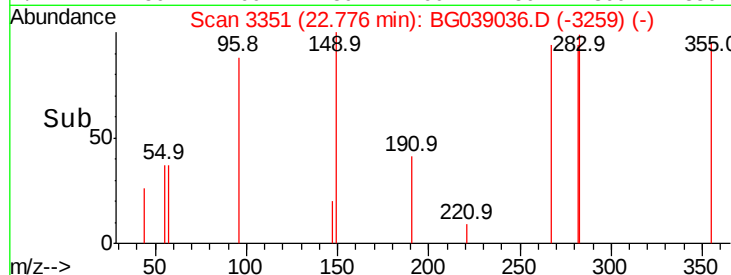
43 0.0 7.5 11.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

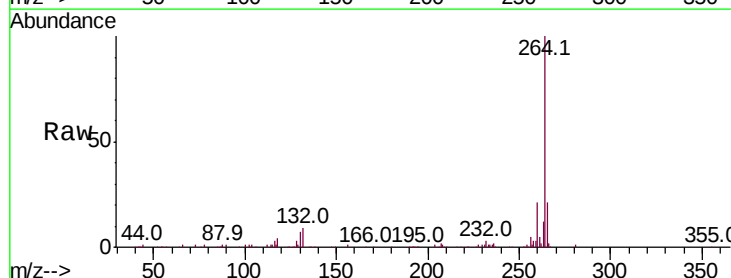
Tgt Ion:264 Resp: 213914

Ion Ratio Lower Upper

264 100

260 21.3 17.0 25.6

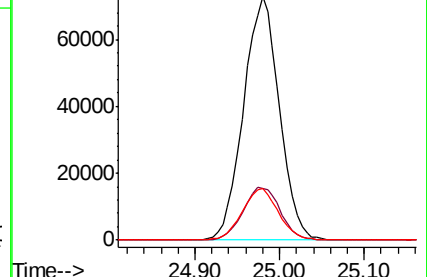
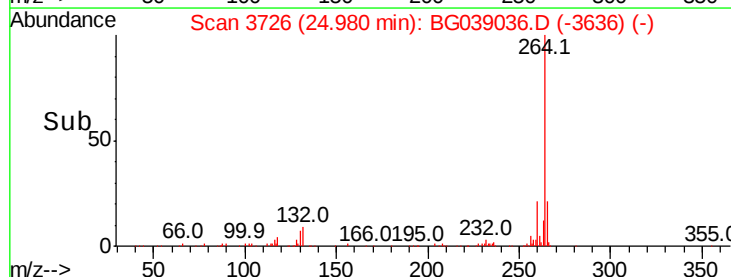
265 21.3 17.2 25.8

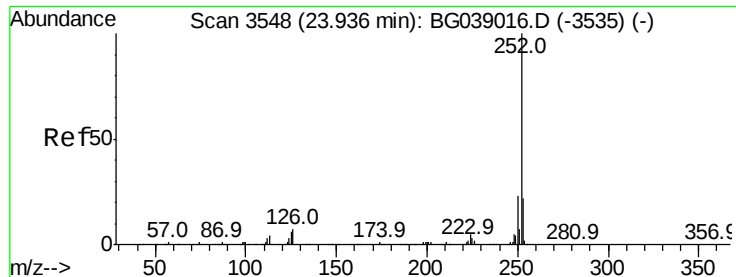


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.012 ng

RT: 23.95 min Scan# 3550

Delta R.T. 0.01 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampleId :

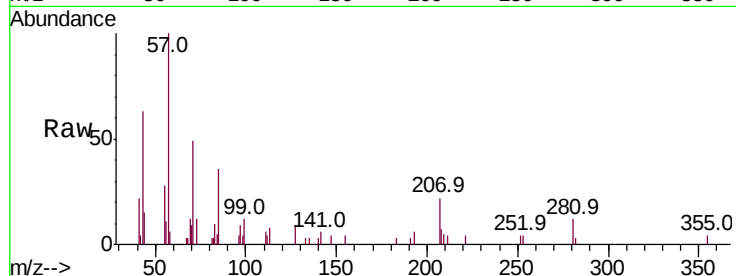
Tot Ion:252 Resp: 138

Ion Ratio Lower Upper

252 100

253 99.5 17.8 26.6#

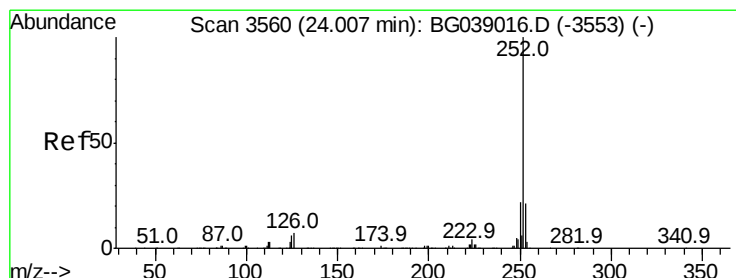
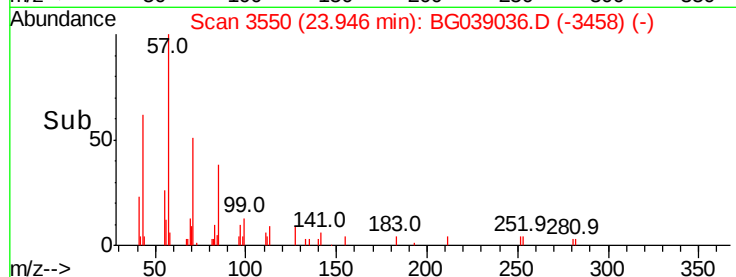
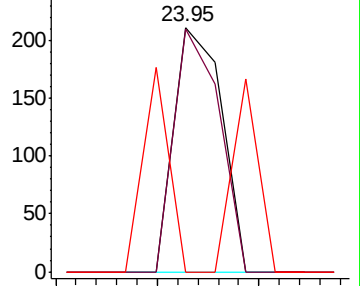
125 0.0 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.005 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.01 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

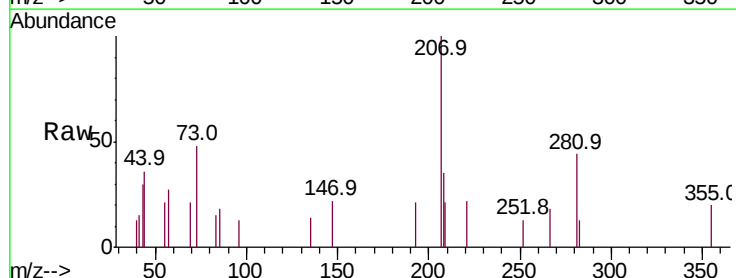
Tgt Ion:252 Resp: 57

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

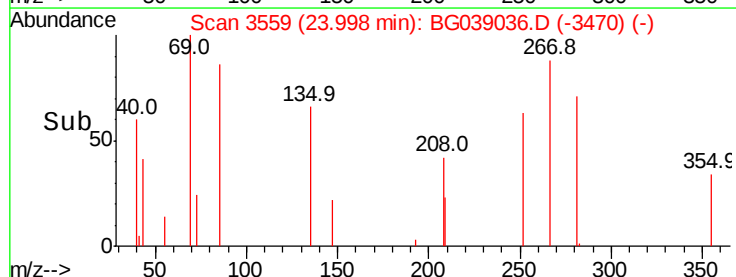
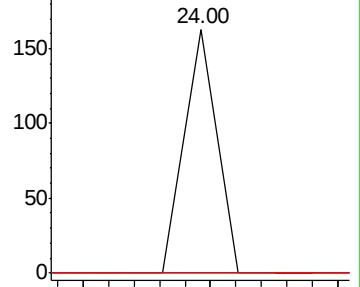
125 0.0 4.6 7.0#

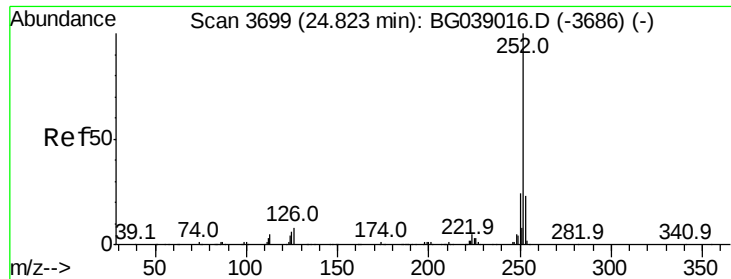


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.057 ng

RT: 24.97 min Scan# 3725

Delta R.T. 0.15 min

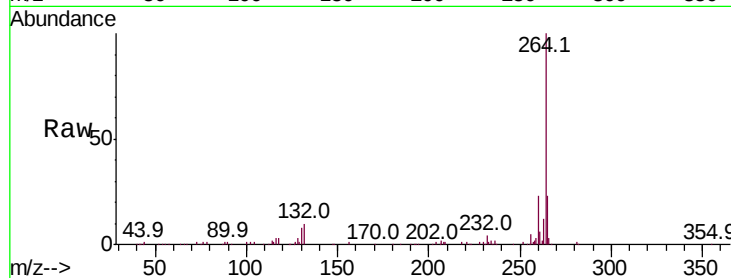
Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	252	Resp:	652
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	4.9	7.3#

